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ENTOMOLOGY

CURRENT LITERATURE

SELECTED REFERENCES COMPILED BY THE STAFF OF THE BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
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No. 1

This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.

BOOKS

Alameda County, California. Mosquito Abatement District. Annual report for 1940. 34p. Oakland, Calif., 1941. Processed.

Australia. Council for Scientific and Industrial Research.

Pamphlet no.101-102. Melbourne, T. Rider, Government printer, 1940. Processed. Contents.- no.101. Studies of the physiology and toxicology of blowflies. 2. The action of stomach larvicides on Lucilia cuprina, by F. G. Lennox. 3. The toxicity of some arsenicals to larvae of Lucilia cuprina, by F. G. Lennox and L. G. Webber. 4. The action of contact larvicides on Lucilia cuprina, by F. G. Lennox. 13p. illus. References, p.128-131; no.102. Studies on the physiology and toxicology of blowflies. 5. The hydrogen ion concentration in the alimentary canal, by D. F. Waterhouse. 6. The absorption and distribution of iron, by D. F. Waterhouse. 7. A quantitative examination of the iron content of Lucilia cuprina, by F. G. Lennox. 67p. illus. References, p.65-67.

Balfour-Browne, F.

British water beetles. Volume I. xix, 375p. illus. London, The Ray society, 1940. Bibliography, p.366-373.

Brammanis, L.

Latvijas mežu kaitēklu apskats. (Ein Überblick über die forstschädlinge Lettlands.) p.[257]-340, illus. 1940. Literatura, p.327-329. Text in Latvian. German summary, p.[330]-340. (Atsēvišķs novilkums no "Mezkopja darbs un zinātne" I/II 1940.)

British Museum (Natural History).

Instructions for collectors. No. 4A. 164p. illus. London, Printed by order of the Trustees of the British museum, 1940. Contents.- Smart, J. comp. Insects.

British Museum (Natural History).

Ruwenzori expedition 1934-5. Vol. II, no. 5. p.[257]-323, illus. London, Printed by order of the Trustees of the British museum, 1940. Contents.- Jones, C. G. Empididae: A.-Hybotinae, Acydromiinae, Clinocerinae and Hemerodromiinae.

Bronn, H. G.

Dr. H. G. Bronn's klassen und ordnungen des tierreichs. bd.5, abt.4, buch 5, lfg.2; bd.5, abt.4, buch 6, teil 1, lfg.3. Leipzig, Akademische verlagsgesellschaft m.b.H., 1940. Contents.- buch 5, lfg.2. Vitzthum, H. G. Acarina. p.161-320, illus.; buch 6, teil 1, lfg.3. Roewer, C. F. Chelonethi oder pseudoskorpione. p.321-354, illus. Nachträge zum III. Literatur-verzeichnis, p.337-343.

Carter, G. S.

A general zoology of the invertebrates. 509p. illus. London, Sidgwick & Jackson ltd., 1940. Bibliography, p.489-495.

Conn, H. J.

Biological stains; a handbook on the nature and uses of the dyes employed in the biological laboratory. Fourth edition. 308p. illus. Geneva, N. Y., Biotech publications, 1940. Bibliography, p.281-298.

Costa Lima, A. da.

Insetos do Brasil. 2º tomo. Capítulo XXII. Hemipteros. 351p. illus. [Rio de Janeiro], Escola nacional de agronomia, 1940. Bibliographies interspersed. (Serie didatica, no.3.)

El Gammal, M. F.

Hot air treating machines used in the ginneries for the destruction of pink boll worm in the cotton seed. 20p. illus. Bulāq, Cairo, Government press, 1940. (Egypt. Min. agr. Tech. and sci. serv. Bul. no.150.)

Finlay, C. E.

Carlos Finlay and yellow fever. 249p. illus. New York, Published under the auspices of the Institute of tropical medicine of the University of Havana by Oxford University press, [c1940]. References at ends of chapters. Bibliography of Carlos J. Finlay: on yellow fever, p.231-236; Medical and scientific publications on other subjects, p.237-240.

Frobisher, M.

Fundamentals of bacteriology. Second edition, revised. 653p. illus. Philadelphia and London, W. B. Saunders company, 1940. References, p.625-630. [Insect transmission of disease, p.261, 350, 393, 495, 496, 515, 550, 554, 559, 563, 583, 597, 601, 606, 612, 622.]

Gonçalves, L. I.

O gorgulho japonês *Callosobruchus chinensis* (Linn., 1758) Pic. Observações sobre a sua biologia, hábitos, danos causados e meios de combate. 44p. illus. Rio de Janeiro, Imprensa nacional, 1939, Bibliografia, p.[33]. (Brazil. Min. da agr. Dept. nac. da prod. veg. Div. de defesa sanit. veg. Pub. n. 14.)

Harris, W. V.

Beeswax. 18p. illus. Dar es Salaam, Printed by the Government printer, 1940. (Tanganyika. Dept. agr. Pam. no.23.)

Harvey, W. C., and Hill, H.

Insect pests. 292p. illus. London, H. K. Lewis & co., ltd., 1940.

Johannsen, O. A., and Butt, F. H.

Embryology of insects and myriapods. 462p. illus. New York and London, McGraw-Hill book company, inc., 1941. Bibliography, p.417-453. Also lists of references at ends of chapters.

Landrock, K.

Zweiflügler oder Diptera VI: Pilzmücken oder Fungivoridae (Mycetophilidae). 166p. illus. Jena, Verlag von Gustav Fischer, 1940. (Die Tierwelt Deutschlands... begründet von Professor Dr. Friedrich Dahl... t.38.)

Larsen, E. B., and Thomsen, M.

The influence of temperature on the development of some species of Diptera. 75p. illus. 1940. Literature, p.73-75. (Reprinted from Vidensk. Medd. fra Dansk naturh. foren., Bd. 104, 1940.)

Lizer y Trelles, C. A.

La lucha moderna contra la langosta [*Schistocerca paranensis*] en el país. 31p. illus. Buenos Aires, 1940. At head of title: Academia nacional de agronomía y veterinaria.

Mazza, S., and Jörg, M. E.

Estudios sobre Triatomidae argentinos... Variabilidad del diseño somático de Triatoma infestans Klug. 22p. illus. Buenos Aires, 1940.

Mazza, S., and Jörg, M. E. (continued)

Bibliografia, p.22. (Buenos Aires. Univ. nac. Misión de estud. de patol. rexion. Argentina. Pub. no. 49.)

Murphrey, M., Jr.

Household insects. 39p. illus. Atlanta, Ga., 1940. References, p.39. (Ga. Dept. ent. Bul. 81.)

Osthelder, L.

Die kleinschmetterlinge. Heft 1. Vorwort Pyralidae bis Tortricidae. 111p. illus. n.d. (Die schmetterlinge Südbayerns und der angrenzenden nördlichen kalkalpen. II. Teil.) (Beilage zum XXIX. Jahrgang der Mitteilungen der Münchner entomologischen gesellschaft.)

Peairs, L. M.

Insect pests of farm, garden, and orchard. Fourth edition. 549p. illus. New York, John Wiley & sons, inc., 1941. Bibliographical footnotes. (Ed.1-3 by E. D. Sanderson and L. M. Peairs.)

Quebec. Ministère des Terres et Forêts, de la Chasse et de la Pêche.

Service d'Entomologie.

Contribution no.8, 10. Québec, 1941. Contents.- no.8. Tessier, G.-A. Nouvelle diète pour le dermeste du lard [Dermestes lardarius]. 8p. illus.; no.10. Lambert, R. Les insectes forestiers du Québec en 1940. 38p.

Ripley, L. B., Petty, B. K., and Heerden, P. W. van.

Further studies on gustatory reactions of the wattle bagworm, (Acanthopsyche junodi, Heyl.). 20p. illus. Pretoria, Printed in the Union of South Africa by the Government printer, 1939. Bibliography, p.20. So. Africa. Dept. agr. Sci. bul. no.205. (Plant indus. ser. no.50.).) (Received Feb. 1941.)

Schenkling, S.

Coleopterorum catalogus auspiciis et auxilio W. Junk editus à S. Schenkling. Pars 166-168. 's-Gravenhage, W. Junk, 1939. Contents.- pars 166. Heikertinger, F., and Csiki, L. Chrysomelidae: Halticinae I. 336p.; pars 167. Voss, E. Curculionidae: Rhynchitinae II, Allocoryninae, Pterocolinae. 130p.; pars 168. Schenkling, S., and Marshall, G. A. K. Curculionidae: Addenda. 14p.

Sprecher von Bernegg, A.

Plantas tropicais e sub-tropicais da economia mundial, sua história, cultura e importância económico-política. Plantas de Eufória o café. 354p. illus. Rio de Janeiro, Empresa gráfica "O Cruzeiro" S. A., 1938. Partial contents.- Pragas animais das espécies do café, p.194-223.

U. S. Congress. 66th. 3d Session. Senate. Subcommittee of the Committee on Claims.

Mediterranean fruitfly ... Hearing before a subcommittee of the Committee on claims, United States Senate, Seventy-sixth Congress, Third Session

U. S. Congress... (continued) on S. J. Res. 177. A joint resolution to provide for the payment of indemnity for losses suffered and damages sustained as a result of the campaign for the eradication of the Mediterranean fruitfly in the State of Florida. Feb. 29, 1940. 87p. Washington, U. S. Government printing office, 1940.

Waterston, J. M.

Supplementary list of Bermuda insects. 10p. Hamilton, 1940. At head of title: Department of agriculture, Bermuda. (Supplementary to Ogilvie, L. The insects of Bermuda. 1928.)

Westcott, C.

The plant doctor; the how, why and when of disease and insect control in your garden. Revised edition... 297p. illus. New York, Frederick A. Stokes company, 1940.

PERIODICALS

Agricultural gazette of New South Wales (Sydney), v.51, no.12, Dec.1, 1940. Zeck, E. H. Insect pests of the kurrajongs, p.679-681, illus.

Agriculture; the journal of the Ministry of agriculture, Great Britain (London), v.47, no.3, Dec. 1940.

Wright, D. W. Further experiments on the control of the cabbage root fly (Delia (Hylemyia) brassicae Bouché), p.187-191, illus.

American entomological society. Philadelphia. Transactions, v.66, no.4, Dec. 1940.

Blaisdell, F. E., Sr. A monographic study of the species belonging to the melyrid genus Trichochroides (Coleoptera), p.283-[506], illus.

Linsley, E. G. A revision of the genus Oreopasites (Hymenoptera: Nomadidae), p.307-318, illus.

American journal of tropical medicine (Baltimore), v.21, no.1, Jan. 1941.

Bates, M. Studies in the technique of raising anopheline larvae, p.103-122. References, p.122.

Hill, R. B., and Cambournac, F. J. C. Intermittent irrigation in rice cultivation, and its effect on yield, water consumption and Anopheles production, p.123-144. References, p.144.

American naturalist (Garrison, N. Y.), v.75, no.756, Jan.-Feb. 1941.

Dethier, V. G. Chemical factors determining the choice of food plants by Papilio larvae, p.61-73, illus. Literature cited, p.73.

Pearl, R., Park, T., and Miner, J. R. Experimental studies on the duration of life. XVI. Life tables for the flour beetle Tribolium confusum Duval, p.5-19, illus. Literature cited, p.19.

Annals of applied biology (London), v.27, no.4, Nov. 1940.

Fisher, R. C. Studies of the biology of the death-watch beetle, Xestobium rufovillosum De G. III. Fungal decay in timber in relation to

Annals of applied biology (continued)

the occurrence and rate of development of the insect, p.545-557.

References, p.557.

Hobson, R. P. Sheep blow-fly investigations. VIII. Observations on larvicides and repellents for protecting sheep from attack, p.527-532. References, p.532.

Jones, D. P. Gall midges (Cecidomyidae) affecting grass-seed production in mid-Wales and west Shropshire, together with descriptions of two new species, p.533-544. References, p.543-544.

Anzeiger für schädlingskunde (Berlin), v.16, 1940; no.4, Apr.15; no.5, May 15; no.6, June 15; no.7, July 15; no.8, Aug.15; no.9, Sept.15; no.10, Oct.15; no.11, Nov.15.

Blunck, H. Starkes auftreten der blattwespe Caliroa annulipes Kl. an linden, no.10, p.120, illus.

Finkenbrink, W. Versuche über das fortbewegungsvermögen der eilarven des hausbocks (Hylotrupes bajulus L.), no.4, p.41-43. Schrifttum, p.43; Neue insektizide, no.6, p.63-67. Schrifttum, p.66-67.

Götz, B. Embryonalentwicklung von Polychrosis botrana, no.9, p.106-108, illus.

H., Neuerungen der schädlingsbekämpfung. (In Deutschland patentierte Erfindungen), no.6, p.69-71.

Hofmann, C. Bemerkungen zu dem aufsatz "Über die wirkung von dinitro-orthokresolen auf fische" von H. W. Nolte, no.5, p.58-59. Schrifttum, p.58-59.

Jancke, O. Die frostkatastrophe 1938 und ihr einfluss auf den schädlingsbefall im obst- und weinbau, no.4, p.39-41. Schrifttum, p.41.

Koegel, A. "Momente", frequenzen und schädlingsbekämpfung, no.6, p.67-69.

Lamas, J. M., and Meuche, A. Larven der grasfliege Ooomyza florum Fabr. und anderer dipteren im wintergetreide bei Bonn, no.7, p.75-78, illus. Schrifttum, p.78.

Leonhardt, H. Klima witterung und honigtau. Vorläufiger bericht, no.8, p.[85]-90, illus.

Martini, E., and Hundertmark, A. Über die bedeutung kleinklimatischer feststellungen in haus und stall und im freien für die schädlingsbiologie, no.9, p.[97]-101, illus.

Mehl, S. Die widerstandsfähigkeit der räupe der heumotte (Ephestia elutella Hb.) gegen frost, no.7, p.78-83, illus. Schrifttum, p.83.

Neu, W. Die bekämpfung von maikäferengerlingen mit kalidüngemitteln, no.7, p.[73]-75. Schrifttum, p.75.

Schaerffenberg, B. Zur taxonomie einiger wirtschaftlich wichtiger drahtwürmer, no.6, p.[61]-63, illus. Schrifttum, p.63; Bestimmungsschlüssel der landwirtschaftlich wichtigsten drahtwürmer, no.8, p.90-96, illus. Schrifttum, p.95-96.

Schwarz, L., and Reusch, A. Darstellung und raumgrösse von hausbock-käferlarvenfrässgängen, no.11, p.[121]-124, illus.

Staudenmayer, T. Die wasserstoffionenkonzentration der insekten, no.10, p.114-119; (Schluss), no.11, p.125-132. Schrifttum, p.131-132.

Steiner, P. Beschädigung von gespinststoffen durch heimchenfrass, no.9, p.104-106, illus.

Stellwaag, F. Die einwirkung schwankender freilandtemperaturen auf insekten, no.10, p.[109]-113, illus. Schrifttum, p.113.

Anzeiger für schädlingskunde (continued)

Stellwaag, F., and Staudenmayer, T. "Wir wirkt dinitro-ortho-kresol auf insekten? Ein beitrag zum mechanismus der giftwirkung", no.4, p.[37]-39. Schrifttum, p.38-39.

Sy, M. Methoden zur prüfung von pflanzschutzmitteln. IIIV. Über die laboratoriumsmässige prüfung von insektiziden an der obstmaide, no.5, p.[49]-58, illus. Schrifttum, p.58.

Weidner, H. Eine and kakaofrüchten schädliche pyralidide [Nussidia], no.9, p.101-104, illus. Schrifttum, p.103-104.

Zimmermann, I. Die schneebeere als neue wirtspflanze der kirschfruchtfliege [Rhagoletis cerasi L.], no.11, p.124-125.

Arbeiten über physiologische und angewandte entomologie aus Berlin-Dahlem, v.7, no.4, Oct.25, 1940.

Keler, S. Ein beitrag zue kenntnis der parasiten des apfelblütenstechers (Anthonomus pomorum Linne), p.286-336, illus. Schrifttum, p.335-336.

Körtting, A. Zur biologie und bekämpfung der möhrenfliege (Psila rosae F.) in Mitteldeutschland, p.269-285. Literaturverzeichnis, p.283-285.

Sellke, K. Weitere versuche mit chemischen mitteln zur bekämpfung des kartoffelkäfers, p.[257]-268.

Argentine Republic. Departamento nacional de higiene. Instituto bacteriológico. Revista... (Buenos Aires), v.9, 1940; no.4, Sept.; no.5, Dec.

Farrera, J. M. de la. Estudios sobre peste silvática en Mendoza, no.5, p.565-586, illus.

Ponte, E. del. Error de información sobre la existencia de Anopheles pseudopunctipennis Theob., en los territorios de Misiones y Chaco (Argen.), no.4, p.443-444. Publicaciones citadas, p.444.

Australia. Council for scientific and industrial research. Melbourne.

Journal, v.13, no.4, Nov. 1940.

Gill, D.A., and Graham, W. F. H. Studies on fly strike in Merino sheep. No. 4. The effect of fly strike on reproduction, p.261-266, illus.

References, p.266; No. 5. Review of results obtained by the Mules operation for the prevention of crutch strike in the trial at "Dungalear," N. S.W., p.266-272, illus. References, p.272.

Gregory, J. M. X-rays and timber defects, p.310-312, illus.

Ratcliffe, F. N., Gay, F. J., and Fitzgerald, J. S. Wheat weevils and their control: a summary of existing information, p.[229]-239.

References, p.239.

Australian institute of agricultural science. Sydney, N. S. W. Journal, v.6, no.4, Dec. 1940.

Allman, S. L. After-effects of feeding Queensland fruit flies on poison baits, p.211-213.

Wallace, C. R. On the occurrence of the weevil Naupactus leucoloma Boh. in Australia, p.209-211. [References], p.211.

Australian zoologist (Sydney), v.9, pt.4, Dec.9, 1940.
Tillyard, R. J. A reclassification of the order Odonata. Based on some new interpretations of the venation of the dragonfly wing. Continuation and conclusion by F. C. Fraser. Part III, p.359-396, illus. General references, p.395-396.

Biokhemicnii zhurnal (Kiev), v.15, no.2-3, 1940.
Borzhikovsky, S., Mikhailova, V., Kolomychenko, M., and Gutnitskaya, P. On the possibility of the super-early breeding of Antherea pernyi Guer. caterpillars by means of preserved oak leaves, p.392-399. Russian text, p.392-396. English text, p.396-399.

Biologisches zentralblatt (Leipzig), v.60, 1940; no.5/6, May/June; no.7/8, July/Aug.; no.9/10, Sept./Oct.
Gelei, G. v., and Csik, L. Die wirkung des colchicins auf Drosophila melanogaster, no.5/6, p.275-286, illus. Schriftenverzeichnis, p.286.
Goetsch, W., and Stoppel, R. Die pilze der blattschneider-ameisen [Acromyrmex striatus Zog.], no.7/8, p.393-398, illus.
Köhler, W. Erbliche ausfallserscheinungen und regulationen am pupalen flügeltracheensystem von Ephestia kühniella Z., no.7/8, p.348-367, illus. Schriftenverzeichnis, p.366-367.
Piepho, H. Über die hemmung der verpuppung durch Corpora allata. Untersuchungen an der wachsmotte Galleria mellonella L., no.7/8, p.367-393, illus. Schriftenverzeichnis, p.392-393.
Timofeff-Ressovsky, N. W. Spontane und strahleninduzierte mutabilität in geographisch verschiedenen stämmen von Drosophila melanogaster, no.5/6, p.267-275. Schriftenverzeichnis, p.274-275.
Vogt, M. Die förderung der eireifung innerhalb heteroplastisch transplantierter ovarien von Drosophila durch die gleichzeitige implantation der arteigenen ringdrüse, no.9/10, p.[479]-484, illus. Schriftenverzeichnis, p.483-484.
Zimmer, K. G. Zur biophysikalischen analyse des vorgangs der töfung von Drosophila-eiern durch strahlung, no.5/6, p.[287]-298, illus. Schriftenverzeichnis, p.296-298.

Der Blumen und pflanzenbau (Berlin), v.44, no.27, July 5, 1940.
Abraham. Die kartoffelkäfer und seine bedeutung im gärtnerischen pflanzenbau, p.[233]-234, illus.

British medical journal (London), 1940; no.4165, Nov.2; no.4166, Nov.9.
Buxton, P. A. The control of lice, no.4165, p.603-604.
King, R. E. The benzyl benzoate treatment of scabies, no.4166, p.626-627.

Brooklyn entomological society. Bulletin (Lancaster, Penn.), v.35, no.5, Dec. 1940.
Abbott, C. E. A modification of the feeding reaction of Aeschna, p.171.
Balduf, W. V. More ambush bug [Phymata pennsylvanica americana Melin] prey records (Hemiptera), p.161-169.
Erikson, G. E. The tipulid prey of a crabronid, p.172. [Nephrotoma tenuis (Loew) as prey of Crabro sp.]

Brooklyn entomological society. Bulletin (continued)

Sweetman, H. L. The migration of a pierid butterfly [Kricogonia lyside (Godart)] in Texas, p.173-174.

Torre-Bueno, J. R. de la. Biological notes on Arizona Heteroptera, p.157; *Tollius vanduzesi* n. sp., with notes on the genera *Tollius* Stål and *Stachyocnemus* Stål (Heteroptera, Alydidae), p.159-161, illus.

Bulletin of entomological research (London), v.31, no.5, Nov. 1940.

Hanson, S. The prevention of outbreaks of the pine beetles under wartime conditions, p.247-251.

Phillips, J. S. Immature nutfall of coconuts in the Solomon Islands, p.295-316, illus. References, p.316. [Amblypelta cocophaga.]

Tragårdh, I. Second survey of the wood-destroying insects in public buildings in Sweden, p.287-294, illus.

Vesey-Fitzgerald, D. The control of Coccidae on coconuts in Seychelles, p.253-[286], illus. References, p.283.

Waloff, Z. V. The distribution and migrations of *Locusta* in Europe, p.211-246, illus. Bibliography, p.243-246.

Cambridge philosophical society, Cambridge, Eng. Biological reviews, v.15, no.3, July 1940.

Lederer, E. Les pigments des invertébrés (à l'exception des pigments respiratoires), p.273-306. Bibliographie, p.301-306.

O Campo (Rio de Janeiro), v.11, no. 126, June 1940.

Bonfar, G. A entomologia das flores de palmeiras. Contribuição apresentada ao Oitavo Congresso científico americano em Washington (10-12 de Maio de 1940), p.13-14, 16, illus.

Canadian entomologist (Orillia), v.72, no.12, Dec. 1940.

Finlayson, L. R., and Green, T. A note on the effect of certain foods upon fecundity and longevity in *Microcryptus basizonius* Grav. (Hymenoptera), p.236-238.

Gaul, A. T. A note on the biology of *Polistiphaga arvalis* Cresson (Hymenoptera, Ichneumonidae), p.240-242.

Handford, R. H. Egg deposits of a type not usually produced by *Melanoplus mexicanus mexicanus* (Sauss.) in Manitoba, p.255.

Spencer, G. J. The effect of hailstorms on grasshoppers, p.[233]-234.

Swank, G. R. A method of mounting small beetle genitalia, p.238-240, illus. Literature cited, p.240.

Sweetman, H. L. The value of hand control for the tent caterpillars, *Malacosoma americana* Fabr. and *Malacosoma disstria* Hbn. (Lasiocampidae Lepidoptera), p.245-250. Literature cited, p.250.

Chacaras e quintaes (São Paulo), v.62, no.10, Dec.15, 1940; v.63, no.1, Jan.15, 1941.

Amaro van Emelein, D. Dois inimigos de abelha Apis:- A traça e o piolho [Galleria mellonella; Braula coeca] (Especial), v.62, no.10, p.[735]-737, illus.

Costa Lima, A. da. Costumes do grilo-toupeira [Gryllotalpa sp.; Scapteriscus sp.] e como combate-lo, v.62, no.10, p.[710]-711, illus.

Uma mosca inquilina [Hermetia illucens Latr.] das colmeias (Especial), v.63, no.1, p.[51].

Chinese medical journal (Peiping), v.58, no.3, Sept. 1940.

Hoeppli, R., and Ch'iang, I-Hung. The louse, crab-louse and bedbug in old Chinese medical literature with special consideration on phthiriasis, p.[338]-362, illus. References, p.360-362.

Chosen natural history society. Journal (Keijo, Chosen), no.26, Aug. 20, 1939; no.27, Dec. 20, 1939. (Rec'd Feb. 12, 1941.)

Seok, D. M. The history of the studies on the butterflies of Korea, no.26, p.[20]-60. Text in Japanese; Travels after butterflies in the highland of North-Kankyōdō, Korea, no.27, p.[10]-18, illus. Text in Japanese.

Deutsche entomologische gesellschaft. Berlin. Mitteilungen, v.9, no.6/7, June 30, 1940.

Zirngiebl, L. Beobachtungen zur eiablage bei blattwespen (Hym. Tenthred.), p.87-88.

Deutsche entomologische zeitschrift (Berlin), Jahrgang 1939-1940.

(Received Jan. 1941.)

Bänninger, M. Monographie der subtribus Scaritina (Col. Carab.) III, Jahrg. 1939, p.126-161.

Conde, O. Eine revision der mir bekannten Empria-arten (Hym. Tenth.) und einige bemerkungen zum wesen der systematischen forschungsarbeit, Jahrg. 1940, p.162-180, illus. Literatur, p.179.

Fiedler, C. Die gattung Eubulus Kirsch (Col. Curcul. Cryptorhynch.), Jahrg. 1939, p.57-125.

Grütte, E. Beitrag zur kenntnis des subgenus Allopsithyrus Popov. (Hym. Apid.), Jahrg. 1940, p.204-223, illus. Literaturverzeichnis, p.223.

Thienemann, A. Chironomiden-metamorphosen XVII. Neue Orthocladiinen-metamorphosen, Jahrg. 1939, p.1-19, illus. Literatur, p.18-19.

Zirngiebl, L. Beiträge über die entwicklung der blattwespeneier (Hym. Tenth.), Jahrg. 1940, p.181-189, illus.

Deutsche entomologische zeitschrift. "Iris" (Berlin), v.53, no.3/4, Apr. 10, 1940.

Röber, J. Die tagfalter der insel Celebes, p.89-117, illus.

Ecology (Lancaster, Penn.), v.22, no.1, Jan. 1941.

Moore, W. G. Studies on the feeding habits of fishes, p.91-96, illus. Literature cited, p.96.

Shelford, V. E., and Twomey, A. C. Tundra animal communities in the vicinity of Churchill, Manitoba, p.47-69, illus. Literature cited, p.68-69.

Stanley, J. A mathematical theory of the growth of populations of the flour beetle Tribolium confusum Duv. IV. A modified theory descriptive of the relation between the limiting value of egg-populations in the absence of hatching, and the volume (or weight) of flour used in the culture, p.23-37, illus. Literature cited, p.37.

Entomological news (Philadelphia), v.52, 1941; no.1, Jan.; no.2, Feb.
Abbott, C. E. Modification of the behavior of dragonfly nymphs with excised labia (Odonata), no.2, p.47-50.
Blake, C. H. Ants preying on termites (Hymen.: Formicidae; Isoptera: Rhinotermitidae), no.2, p.38.
Forbes, W. T. M. The early genera of Ithomiinae. (Lepidoptera: Nymphalidae), no.1, p.[1]-4.
Hayes, W. P. A bibliography of keys for the identification of immature insects. Part II. Odonata, no.2, p.52-55. (To be continued.)
Jones, D. T. Further notes on the snail-collecting aphis-lion larva (Neuroptera: Chrysopidae), no.2, p.39-44. Bibliography, p.44. [Nodita virginica (Fitch) - tentative identification.]

Entomological society of America. Annals (Columbus, Ohio), v.33, no.4, Dec. 1940.
Bliss, C. I. The relation between exposure time, concentration and toxicity in experiments on insecticides, p.721-75. References, p.766.
Davis, C. Family classification of the order Embioptera, p.677-682.
Fairchild, G. B. Notes on Tabanidae (Dipt.) from Panama. II. The genus Dichelacera Macquart and related genera, p.685-700, illus.; Notes on the Simuliidae of Panama (Dipt., Nematocera), p.701-719, illus. References, p.718-719.
Haseman, L., and McLane, S. R. The history and biology of the juniper midge (Contarinia juniperina Felt), p.612-615, illus.
Reu, P. Co-operative nest-founding by the wasp, Polistes annularis Linn., p.617-620.
Ross, E. S. A revision of the Embioptera of North America, p.629-676, illus. Selected bibliography, p.675-676.
Williams, C. B. On "type" specimens, p.621-624.

Entomologische zeitschrift (Frankfurt-M), v.54, 1940; no.20, Oct.-20; no.21, Nov.1; no.22, Nov.10; no.23, Nov.20.
Marschner, H. Versuch zur aufklärung der veränderungen von geschlüpften faltern, deren puppen die winterkälte 1939/40 überstanden hatten, no.20, p.159-160; Zur frage der einwanderung von Parnassius apollo L. f. silesianus Marschner, no.22, p.[169]-175; no.23, p.178-180, illus. (Fortsetzung folgt.)
Michalk, O. Weitere heteropteren-schmarotzer, no.21, p.162-168. Literaturverzeichnis, p.167-168.
Warmecke, G. Nachträge zur verbreitung von Lycaena amanda Schn. in Deutschland, no.21, p.161.

Entomologist (London), v.73. no.930, Nov. 1940.
Niblett, M. Some notes on the cynipid genus Neuroterus, p.254-258. References, p.257-258.
Worms, C. G. M. de. Further notes on the occurrence of Oria musculosa during 1940, p.[241]-242.

Farming in South Africa (Pretoria), v.15, no.176, Nov. 1940; v.16, no.178, Jan. 1941.

Broekhuysen, G. J. The control of ants, v.16, no.178, p.23-26, 28, illus. Literature, p.28.

Reinecke, V. An economical dipping trough for fruit. Its use in the removal of arsenical residue from apples and pears, v.15, no.176, p.418-419, illus. References, p.419.

Smit, B. The advantages and uses of pyrethrum as an insecticide, v.15, no.176, p.408; The control of cutworms in farm lands and gardens, v.15, no.176, p.410.

Ullyett, G. C., and Vries, A. H. de. Bembix wasps as enemies of sheep blow-flies, v.16, no.178, p.19-20.

Useful formulae for the control of pests, v.16, no.178, p.35.

Fiji. Department of agriculture. Agricultural journal (Suva), v.11, no.4, Dec. 1940.

Baxter, G. R. The control of the fly nuisance, p.96-98.

Lever, R. J. A. W. Insect pests of citrus, pineapple and tobacco, p.99-101. Bibliography, p.101; Insect pests of stored foodstuffs, p.109-111.

Fortschritte der zoologie (Jena), n.f. v.4 (Bericht... 1938), 1939.

Weber, H. Morphologie und entwicklungsgeschichte. c) Morphologie und entwicklungsgeschichte der arthropoden, p.[95]-136, illus. Schriftenverzeichnis, p.130-136.

Die Gartenbauwissenschaft (Berlin), v.14, no.5(schluss), May 23, 1940.

Hanf, M. Versuche zur bekämpfung des erdbeerstengelstechers (Rhynchites germanicus Hbst.) in Rheingau, p.[671]-696, illus. Literaturverzeichnis, p.696.

Gesellschaft für vorratsschutz E. V. Mitteilungen (Berlin-Steglitz), Jahrg.16 no.6, Nov. 1940.

Andersen, K. T. Zwei Fälle von kornkäferverschleppung und was man daraus lernen kann, p.70-71.

Mehl, S. Der heustadel als unbekannte brutstätte des brotbohrers (Sitodrepa panicea L.), p.74-76.

Tschernischew, P. K. Über die erhöhung der aktivität der vergasungsmittel bei der bekämpfung von vorratsschädlingen, p.71-74, illus.

Harvard university. Museum of comparative zoology. Cambridge, Mass. Bulletin, v.87, no.4, Jan. 1941.

Davenport, D. The butterflies of the satyrid genus Coenonympha, p.[215]-349, illus. Bibliography, p.355-349.

Indian academy of sciences. Bangalore. Proceedings, Sect. B, v.12, no.4, Oct. 1940.

Philip, U. A genetical analysis of three small populations of Dermestes vulpinus F. (Coleoptera), p.133-171, illus. Bibliography, p.169-171.

Randhawa, M. S. Some peculiarities in conjugation in a new Himalayan species of Zygnema [Zygnema himalayensis sp. nov.], p.129-132, illus. References, p.132.

Insecta Matsumurana (Sapporo, Japan), v.15, no.1/2, Dec. 1940.

Kôho, H. Die meloiden von Mandschukuo, p.57-62.

Tatanabe, C. Description of a new Apanteles-species bred from Dictyoploca japonica Butler (Hymenoptera: Braconidae), p.51-52.

Instituto de salubridad y enfermedades tropicales. Mexico, D. F.

Revista, v.1, no.4, Dec. 1940.

Vargas, L. Anopheles (Anopheles) barberi en México, p.319-322, illus. Referencias, p.322. Text in Spanish. Brief English summary, p.322.

Instituto Oswaldo Cruz. Rio de Janeiro. Memorias, v.35, no.1, 1940.

Adler, S. Notas sobre Leishmania chagasi, p.173-175. Referencias, p.175. English text, p.177-179. [Phlebotomus spp.]

Costa Lima, A. da. Sobre as especies de Spiniger (Hemiptera: Reduviidae), p.[1]-123, illus.

International institute of agriculture. Rome. International bulletin of plant protection, v.15, no.1, Jan. 1941.

Spain. The Moroccan locust, Dociostaurus maroccanus, in 1939-1940, p.3I-4II.

Iowa state college journal of science (Ames), v.15, no.1, Oct. 1940.

Snipes, B. T., Carvalho, J. C. M., and Tauber, O. E. Biological studies in Ornithocoris toledo Pinto, the Brazilian chicken bedbug, p.27-37, illus. Literature cited, p.35.

Japanese journal of zoology (Tokyo), v.9, no.1, Oct.31, 1940.

Furukawa, H. Transplantation experiments on appendages of Anisolabis maritima (Dermaptera). IV. Fate of grafted leg-segments and abdominal end, p.[109]-125, illus. Literature, p.124-125.

Kuwana, Z. Reducing power of the body fluid of Bombyx mori L. II. Reduction of redox dyes and oxygen uptake, p.[127]-137, illus. Literature, p.137.

Journal of animal ecology (London), v.9, 1940; no.1, May; no.2, Nov.

Barnes, H. F. Studies of fluctuations in insect populations. VII. The button top midge (Rhabdophaga heterobia) at Syston, 1934-39, no.2, p.202-214, illus. References, p.214.

Carpenter, J. R. Insect outbreaks in Europe, no.1, p.108-147, illus. References, p.145-147.

Jones, D. P. Oviposition in gall midges (Cecidomyiidae) affecting seed production in grasses, no.2, p.328-335, illus. References, p.335.

Jones, J. R. E. The fauna of the river Elindwr, a lead-polluted tributary of the river Rheidol in north Cardiganshire, Wales, no.3, p.188-201, illus. References, p.200-201.

Hellanby, K. The activity of certain arctic insects at low temperatures, no.2, p.296-301.

Noon, H. P. An investigation of the movements of fresh-water invertebrate faunas, no.1, p.76-83. References, p.83.

Radforth, I. The food of the grayling (Thymallus thymallus), flounder (Platichthys flesus), roach (Rutilus rutilus) andudgeon (Gobio

Journal of animal ecology (continued)
fluviatilis), with special reference to the Tweed watershed, no.2, p.302-318. References, p.317-318.

Richards, O. W. The biology of the small white butterfly (Rieris rapae), with special reference to the factors controlling its abundance, no.2, p.243-288. References, p.228.

Swynnerton, G. H., and Worthington, E. B. Note on the food of fish in Haweswater (Westmorland), no.2, p.[183]-187. References, p.187.

Teesdale, C. Fertilization in the tsetse fly, Glossina palpalis, in a population of low density, no.1, p.24-26. References, p.26.

Journal of cellular and comparative physiology (Philadelphia, Penn.), v.15, no.3, June 20, 1940.

Gilmour, D. The anaerobic gaseous metabolism of the termite, Zootermopsis nevadensis Hagen, p.331-342, illus. Literature cited, p.342.

Journal of experimental biology (London), v.17, no.2, Apr. 1940.

Wigglesworth, V. B. Local and general factors in the development of "pattern" in Rhodnius prolixus (Hemiptera), p.180-200, illus. References, p.200; The determination of characters at metamorphosis in Rhodnius prolixus (Hemiptera), p.201-222, illus. References, p.222.

Journal of the Department of agriculture of Victoria (Melbourne), v.38, pt.12, Dec. 1940.

Lerew, W. H. Arsenical poisoning of stock, p.597, 599.

Journal of the Royal horticultural society (London), v.65, pt.12, Dec. 1940.

Fox-Wilson, G. Some seasonal pests of garden vegetables and their control. (Résumé of a lecture given on May 21, 1940), p.407-419, illus. References, p.419.

Kansas entomological society. Journal (Manhattan), v.14, no.1, Jan. 1941.

Curtiss, C. The alfalfa plant bug, Adelphocoris lineolatus (Goeze), found in Kansas, p.25-26. Literature cited, p.26.

Hayes, W. P. Some recent works on the classification of immature insects, p.3-11. References cited, p.8-11.

James, M. T. The robber flies of Colorado (Diptera, Asilidae), p.27-36. (To be concluded in the April issue.)

Revue de l'Académie des sciences. Institut de zoologie et biologie. Musée zoologique. Travaux, no.23, 1939.

Belskij, B. I. Notizen über minierfliegen (Diptera), p.102-103.

Paramonow, S. J. Kritische Übersicht der gegenwärtigen und fossilen Bombyliiden-gattungen (Diptera) der ganzen Welt, p.48-50; Ein Grundriss der Biologie, der Verbreitung und der ökonomischen Bedeutung der Bombyliiden (Diptera), p.87-88.

Lloydia (Cincinnati), v.3, no.4, Dec. 1940.

Montgomery, B. E. A revision of the genus Diestatops (Libellulidae, Odonata) and a study of the leg characters of related genera, p.213-280, illus. Bibliography, p.278-280.

London. Royal entomological society. Proceedings, ser. A. General entomology, v.15, pts.10-12, Dec.14, 1940.

Balfour-Browne, F., and Balfour-Browne, J. An outline of the habits of the water-beetle, Noterus capricornis Herbst (Coleopt.), p.105-111, illus. References, p.111.

Bolwig, N. The reproductive organs of Scatophila unicornis Czerny (Diptera), p.97-102, illus. References, p.102.

Burtt, E. T. A filter-feeding mechanism in a larva of the Chironomidae (Diptera: Nematocera), p.113-121, illus. References, p.121.

Morley, B. D. W. An artificially produced multiple mixed colony of ants (Hym.), p.103-104.

Salt, G. Experimental studies in insect parasitism. VII. The effects of different hosts on the parasite Trichogramma evanescens Westw. (Hym. Chalcidoidea), p.81-95, illus. References, p.95.

London. Royal entomological society. Proceedings, ser. B. Taxonomy, v.9, 1940; pt.11, Nov.15; pt.12, Dec.14.

Andrewes, H. E. Keys to some Indian genera of Carabidae (Col.). X. The genus Oodes, pt.12, p.203-208.

Talbot, G. Revisional notes on the genus Ideopsis Moore (Lep. Rhop. Danaidae), pt.11, p.197-202. References, p.202.

London. Royal entomological society. Transactions, v.90, 1940; pt.14, Nov.15; pt.15, Nov.15; pt.17, Nov.15; pt.20, Dec.14; pt.22, Dec.14.

Cripps, C., and Jackson, T. H. E. The life history of Lachnocnema bibulus (Fab.) in Kenya (Lepidopt., Lycaenidae), pt.15, p.449-452, illus.

Eltringham, H. The larval gland in Lachnocnema bibulus (Fab.), pt.15, p.452-453, illus.

Fraser, F. C. A comparative study of the penes of the family Gomphidae (order Odonata), pt.20, p.541-550, illus.

Pickles, E. Fluctuations in the populations, weights and biomasses of ants at Thornhill, Yorkshire, from 1935 to 1939, pt.17, p.467-485, illus. References, p.485.

Trehan, K. N. Studies on the British white-flies (Homoptera, Aleyrodidae), pt.22, p.575-616, illus. References, p.614-616.

Wainwright, C. J. The British Tachinidae (Diptera): second supplement, pt.14, p.411-448, illus. Literature cited, p.448.

London. Royal society. Philosophical transactions, Ser. B. Biological sciences, v.230, no.572, Nov.7, 1940.

Hollick, F. S. J. The flight of the dipterous fly Muscina stabulans Fallén, p.357-390, illus. References, p.390.

Malaria institute of India. Calcutta. Journal, v.3, no.2/3, Sept. 1940.

Roy, D. N., and Ghosh, S. M. On the results of forcible feeding of mosquitoes, p.253-262. References, p.262.

Senior White, R. Anopheles stephensi in Calcutta, p.349-361. References, p.360-361; Studies on the behaviour of adult A. culicifacies. Part III. Dissection records, p.363-382, illus. References, p.382.

Malaria institute of India. Calcutta. Journal (continued)

Thomson, R. C. M. Studies on the behaviour of Anopheles minimus.

Part I. The selection of the breeding place and the influence of light and shade, p.265-294, illus. References, p.294; Part II.

The influence of water movement on the selection of the breeding place, p.295-322, illus. References, p.322; Part III. The influence of water temperature on the choice and suitability of the breeding place, p.323-348, illus. References, p.348.

Mauritius institute and public museum. Mauritius institute bulletin (Port Louis, Mauritius), v.1, pt.5, July 1939. (Received Jan. 7, 1941.)

Manet, R. The Aphididae of Mauritius, p.43-56.

Microentomology (Stanford Univ.), v.5, pt.5, Dec. 30, 1940.

Cope, O. B. The morphology of Esthiopterum dionedeae (Fabricius) (Halocephala), p.[117]-142, illus. Bibliography, p.129. [Contrib. no.22.]

Museu zoológico da Universidade de Coimbra. Seção de biologia e parasitologia. Arquivos, v.2, fasc.4, 1938; v.3, 1939.

Seabra, A. F. de. Subsídios para o conhecimento da fauna das Matas Nacionais. Conclusões de estudos realizados na Mata de Leiria, v.2, fasc.4, p.[173]-242, illus.; A entomologia do trigo, v.3, p.[I]-XIV, [1]-699. Apêndice: Miriápodos, aracnídos, vermes, moluscos e vertebrados nocivos ao trigo, 13p.

Nachrichtenblatt für den Deutschen pflanzenschutzdienst (Berlin-Dahlem), v.19, 1939; no.9, Sept.; no.10, Oct.

Speyer, W. Aufzucht und eientwicklung des baumweisslings (Aporia crataegi L.), no.9, p.[85]-86.

Sy, M. Zur gefährdung von singvögeln durch arsenhaltige pflanzenschutzmittel, no.10, p.[93]-95. Literatur, p.95.

Nature (London), v. 147, 1941; no.3717, Jan. 25; no.3718, Feb. 1.

Heslop Harrison, J. W. Flora and fauna of the Inner and Outer Hebrides, no.3718, p.134-136, illus

Trim, A. R. H. The protein of insect cuticle, no.3717, p.115-116. [References], p.116.

Zigglesworth, V. B. Permeability of insect cuticle, no.3717, p.116.

Die Naturwissenschaften (Berlin), v.28, no.40/41, Oct. 4, 1940.

Geitler, L. Neue ergebnisse und probleme auf dem gebiet des chromosomenbaues. Ein sammelreferat, p.649-656, illus. Literatur, p.656.

Nederlandsch-Indische entomologische vereeniging. Entomologische mededelingen van Nederlandsch-Indië (Buitenzorg, Java), v.6, no.3/4, Dec. 1, 1940.

Diakonoff, A. Remarks on a predatory bug (Hem., Anthocoridae), p.55-56, illus. [Triphleps persequens White?]

Kalshoven, L. G. E. Observations on the red branchborer, Zeuzera coffeae Nietn. (Lep., Coss.), p.50-54, illus.

Vecht, J. van der. The nesting habits of Ropalidia flavopicta (Sm.) (Hym., Vespidae), p.47-50, illus.

Notulae entomologicae (Helsingfors, Finland), v.20, no.1, Nov.8, 1940.
Hellén, W. Die Empria-arten Finnlands (Hym., Tenth.), p.[1]-9.
Literaturverzeichnis, p.9.

Platonoff, S. Beobachtungen über windgetriebene insekten im Petsamo-fjord an der finnischen eismeerküste, p.10-13. Literatur, p.13.

Ohio journal of science (Columbus), v.41, no.1, Jan. 1941.
Mitchell, R. T. The alimentary tract of Vespa maculifrons Buy. (Hymenoptera: Vespidae), p.29-38, illus. Literature cited, p.34.

Ōyo-kontyū (Tokyo), v.2, 1940; no.4, Mar.; no.5, Aug.; no.6, Nov.
Endo, K. Cirphis unipuncta Haworth broke out in 1939 for the first time in Karahuto (Saghalien), no.6, p.260-261, illus. Text in Japanese.

Kawada, A., and Suenaga, H. On the chestnut-bark miner, Acrocercops sp., no.5, p.[192]-201, illus.; (2), no.6, p.[240]-255, illus. Text in Japanese.

Noyama, T. Notes on the corn-borer, Prausta nubilalis Hübner, in Akita prefecture, no.5, p.[202]-212, illus. Text in Japanese; On the hibernation of Paraluperodes suturalis nigrobilineatus (Notsch.), no.6, p.[256]-259. Text in Japanese.

Narematsu, I., and Kakizaki, T. Eriophyes sonare, a serious pest of Juniperus procumbens, and its control measures, no.5, p.[213]-218, illus. Text in Japanese.

Okada, I., and Oike, K. Die lebensweise einer braconide, Phanerotoma planifrons (Nees), als ein schmarotzer von Grapholitha glycinvorella Matsumura (Vorhersagung), no.4, p.[137]-147, illus. [Bibliography]. p.147. Text in Japanese.

Okazaki, K. On the bionomics of Agromyza oryzella Matsumura and laboratory tests of some insecticides against it, no.4, p.[148]-161, illus. [Bibliography], p.161. Text in Japanese.

Takei, S., and Tada, Y. Quantitative bestimmung der wirksame bestandteile der derriswurzel. II. Mitteilung, no.5, p.[185]-191, illus. Text in Japanese.

Tamanuki, K. Injury of firs done by bark-beetles broken out after the wind-storm in 1936 in Karahuto (Saghalien), no.6, p.261-263, illus. Text in Japanese.

Yashiro, H. Some experiments of bait traps for the melon fly, Chaetodacus cucurbitae Coquillett, no.4, p.[162]-165. [Bibliography], p.165. Text in Japanese: Notes on Anophia leucomelas Linnaeus, a pest of the sweet potato. II, no.6, p.[231]-239, illus. Text in Japanese.

Yotsumoto, H. Insecticidal effect of "Kusyupi," no.4, p.[156]-170, illus.

List of literature on applied entomology in Nippon (1939-IV), no.4, p.[177]-184; (1939-V), no.5, p.[227]-230; (1939-VI), no.6, p.269-274.

Peking natural history bulletin (Peiping), v.15, pt.2, Dec. 1940.
Hu, S. M. K. Studies on the susceptibility of Shanghai mosquitoes to experimental infection with Microfilaria malayi Brug. II. Culex tritaeniorhynchus Giles, p.93-96; III. Anopheles hyrcanus var. sinensis Wiedemann, p.97-101. Literature, p.95-96, 101.

Li, J.-C. The chromosomes of the lady-bird beetle, Harmonia axyridis Pallas, p.157-160.

Philippine journal of forestry (Manila), v.3, no.2, 1940. References, p.200.
Mesa, A. de. Forest pests man should avoid, p.191-201, illus.
References, p.200.

Photo technique (New York), v.3, no.1, Jan. 1941.
Pickwell, G. Lighting for natural history study, p.32-[34], illus.

Phytopathologische zeitschrift (Berlin), v.12, no.6, 1940; v.13, no.3, 1940.
Atanasoff, D. Virus diseases of plants: a bibliography. II supplement, v.12, no.6, p.[511]-584.

Heinze, K., and Köhler, E. Die mosaikkrankheit der sojabohne und ihre übertragung durch insekten, v.13, no.3, p.[297]-242, illus.
Schriftenverzeichnis, p.242.

Phytopathology (Lancaster, Penn.), v.31, no.2, Feb. 1941.
Black, L. M. Further evidence for multiplication of the aster-yellow virus in the aster leaf hopper, p.120-135. Bibliography, p.135.

Plant physiology (Lancaster, Penn.), v.16, no.1, Jan. 1941.
Morris, V. H., Neiswander, C. R., and Sayre, J. D. Toxicity of selenium-containing plants as a means of control for red spiders [Tetranychus telarius L.], p.197-202. Literature cited, p.202.

Queensland agricultural journal (Brisbane), v.54, no.6, Dec.1, 1940.
Caldwell, N. E. H. Brown paper bunch covers for the control of banana rust thrips, p.428-429; Maori mite [Phyllocoptuta oleivorus Ashm.] of citrus, p.432-434.

Carey, L. D. An effective power spray for farm animals, p.442-447.
The control of pink wax scale in citrus orchards, p.476.

Revista de agricultura, industria y comercio de Puerto Rico (San Juan), v.32, no.4, Oct./Dec. 1940.
Extermine las moscas [Musca spp.], p.532-534.

Revista de entomologia (Rio de Janeiro, Brazil), v.11, no.3, Dec.31, 1940.
Aitken, T. H. G. The genus *Psorophora* in California (Diptera, Culicidae), p.672-682, illus. References, p.681-682.

Alexander, C. P. Further observations on the psychodid subfamily Bruchomyinae (Diptera), p.793-799, illus. Bibliography, p.798-799; Records and descriptions of Tipulidae from tropical America (Diptera). Part III, p.894-908, illus.

Almeida, R. F. d' Contribuição ao estudo dos Mechanitidae (Lep. Rhopalocera), p.758-766, illus.

Bequaert, J. Synopsis of *Monobia* de Saussure, an American genus of solitary wasps (Hymenoptera, Vespidae), p.822-842, illus.

Bourquin, F. Contribución al estudio de la metamorfosis de los lepidópteros argentinos, p.809-820, illus. Bibliografia, p.820.

Callan, E. M. The gall midges (Diptera, Cecidomyiidae) of the West Indies, p.730-758. References, p.757-758.

Fairchild, G. B. Notes on Tabanidae (Dipt.) from Panama. 1. The genera *Chlorotabanus* and *Cryptotylus*, p.713-722, illus.

Revista de entomologia (continued)

Lent, H., and Martins, A. V. Estudos sobre os triatomideos do estado de Minas Gerais, com descrição de uma espécie nova [Triatoma arthurneiva], p.877-886, illus. Bibliografia referida, p.886.

Lent, H., and Pifano, F. Sobre a identidade dos gêneros *Panstrongylus* Berg, 1879 e *Nestor* Kirkaldy, 1904. Redescrição de *Panstrongylus rufotuberculatus* encontrado, na Venezuela, naturalmente infestado pelo *Schizotrypanum cruzi*, p.[629]-639, illus. Bibliografia, p.638-639.

Pickel, D. B. Dermatite purulenta produzida por duas espécies de *Paederus* (Col. Staphylinidae), p.775-793. Bibliografia, p.790-793. English abstract, p.789-790.

Plaumann, F. Ueber das sammeln im brasilianischen urwald (II), p.908-920.

Souza Lopez, H. de. Contribuição ao conhecimento do gênero *Udamopyga* Hall e de outros Sarcophagideos que vivem em moluscos no Brasil (Diptera), p.924-954, illus. Bibliografia, p.952-954.

Stainel, G., and Geijskes, D. C. Observations about temperature and moisture in *Atta*-nests, p.766-775, illus. References, p.775.

Travassos, L. Contribuição ao conhecimento dos Adelocephalidae (Lep.), p.682-690, illus. Bibliografia, p.690.

Wittmer, W. Erster beitrag zur kennnis der neotropischen Malacodermata (Col.), p.820-821.

Revue pour l'étude des calamités (Genève), v.3, no.10/11, May/Dec. 1940.

Duren, A. La lutte contre la maladie du sommeil au Congo Belge et au Ruanda-Urundi, p.[157]-163, illus.

Revue suisse de zoologie (Genève), v.47, fasc.3 (nos.15-18), Aug. 1940.

Eglin, W. Die neuropteren der umgebung von Basel, p.243-358, illus. Literaturverzeichnis, p.347-358.

Geigy, R., and Ochsé, W. Versuche über die inneren faktoren der verpuppung bei *Sialis lutaria* L., p.225-241, illus. Literaturverzeichnis, p.241.

Sítios e fazendas (São Paulo), v.4, no.1, Jan. 1941.

Branda, J. S., filho. As quatro espécies de borboletinhas que atacam as aboboreiras, no Brasil e seu combate, p.48-49, illus. [Diaphania spp. and Melittia spp.]

Müller, L. Fungos entomogenos, p.17.

P., D. S. Combata sistematicamente os bernes [Hypoderma bovis and Hypoderma lineatum], p.36-37.

A defesa dos algodoais; uma praga que precisa ser combatida: - o "Coruquere dos cipinzais" [Platyedra gossypiella Saunders], p.30-31, illus.

As doenças que atacam as pereiras, p.34-35, illus.

Soap (New York), v.17, no.1, Jan. 1941.

Thomssen, E. G., and Doner, M. H. Chemistry in insect control, p.107, 109, 111, 125. References, p.125

Sociedad entomologica Argentina. Buenos Aires. Revista, v.10, 1940; no.4, Nov.10; no.5, Dec.31.

Aravena, R. O. Coleopteros de la region sud-oeste de la provincia de Buenos Aires, no.4, p.[347]-350.

Bosq, J. M. Lista preliminar de los Hemipteros (Heteropteros), especialmente relacionados con la agricultura nacional. (Continuacion), no.5, p.[399]-417.

Bourquin, F. Metamorfosis de *Citheronia vogleri* Weyenbergh 1881. (Lep Syssphingidae), no.4, p.[354]-361, illus.; Notas sobre la metamorfosis de *Julia fletcheriella* Koehler 1939. (Microlep., Tortricidae), no.5, p.[394]-398, illus.

Daguerre, J. B. Observaciones biologicas sobre *Dichroplus arrogans* (Stal), no.4, p.[341]-346.

Denier, P. C. L. Enumerationi Coleopterorum Americanorum familiae Meloidarum corrigenda et addenda, no.5, p.[418]-425.

Fesquet, A. E. J. Fernando Lahille y su obra entomologica, un aspecto de su vida, no.5, p.[380]-393, port. Lista bibliografica..., p.389-392.

Gemignani, E. V. Los tipos de las especies del genero *Trypoxyylon* (Hymenoptera, Sphecoidea) existentes en el Museo Argentino de ciencias naturales, no.5, p.[434]-447, illus. References interspersed.

Gemignani, E. V., and Rodriguez, R. Danos causados a maderas por el *Hylotrupes bajulus* (L.), no.4, p.[370]-378, illus. References interspersed.

Grasso, A. I. Aspirador para entomologo sistema "Ibarra Grasso," no.4, p.[351]-353, illus.

South African museum. Cape Town. Annals, v.52, pt.6, Aug. 1940.

Dickson, C. G. C. Notes on the early stages of *Phasis felthami* Trim., a lycaenid butterfly from the Cape Peninsula, and A list of some recently determined food-plants of some other South African butterflies, p.545-554, illus.

Lawrence, R. F. The genus *Selenops* (Araneae) in South Africa, p.555-608, illus.

Southern California academy of sciences. Los Angeles. Bulletin, v.39, pt.2, May-Aug. 1940

Comstock, J. A. The early stages of *Trachea fumeola* Hamps., p.106-107, illus.; Notes on the early stages of *Euphydryas gilletti* Barnes, p.111-113, illus.

Dethier, V. G. The final stages of *Polites mystic* Scud., p.108-110, illus.

Medlar, W. P. Notes on the life histories of two western North American moths [Apantesis incorrupta Henry Edwards and Apantesis nevadensis Grote and Robinson], p.118-122, illus.

Tenthredo (Acta entomologica) (Kyoto, Japan), v.3, no.2, Nov. 1940.

Takeuchi, K. A systematic study on the suborder Symphyta (Hymenoptera) of the Japanese Empire (III), p.[187]-199. (p.[107]-119 of "A systematic study...")

Tenthredo (continued)

Tokunaga, K. Biting midges from Japan and neighbouring countries, including Micronesian Islands, Manchuria, North China and Mongolia (Diptera, Ceratopogonidae) (continued), p.[101]-165, illus.; Biting midges from the Micronesian Islands (Diptera, Ceratopogonidae) with biological notes by Teiso Esaki, p.[166]-186, illus. (2d report on Micronesian Ceratopogonidae. 1st report: 1940. Philip. Jour. Sci. 71.)

Tijdschrift voor entomologie (Amsterdam), v.83, 1940; no.1/2, May; no.3/4, Dec.

Geijskes, D. C. Verzeichnis der in der Niederlanden vorkommenden Elecoptera, mit einigen geschichtlichen, oekologischen und systematischen bemerkungen, no.1/2, p.[3]-16. Literatur, p.14-16.

Lempke, B. J. Catalogus der Nederlandsche Macrolepidoptera, no.3/4, p.[193]-245.

Lucassen, F. T. V. Monographie du genre Negaphonia Schürhoff (Scarabaeidae: Cetoniinae), no.1/2, p.[94]-102, illus.

Meijere, J. C. H. de. Über die larven der in orchideen minierenden dipteren, no.1/2, p.[122]-127, illus. Literatur, p.127; Die larven der agromyzinen. Fünfter nachtrag. Agromyzinen u.s.w. von Kamerun, no.3/4, p.[160]-188, illus.

Voss, E. Über rüsselkäfer der indomalayischen subregion, vorwiegend von Java (Col., Curc.). Teil 1. (82. beitrag zur kenntnis der curculioniden), no.1/2, p.[17]-93, illus.

Ungarisches biologisches forschungsinstitut. Tihany. Arbeiten, v.12, 1940. Graeser, F., and Szent-Ivány, J. von. Beitrag zur kenntnis der lepidopterenfauna der Halbinsel Tihany, p.[213]-244, illus. Schrifttum. - Irodalom, p.243-244. Text in German. Summary in Magyar, p.242-243. Hann, H. Untersuchungen in baumhöhlengewässern der umgebung von Tihany, p.[204]-212, illus. Text in German. Summary in Magyar, p.211. Literaturverzeichnis. - Irodalom, p.[211]-212.

Utah. University. Salt Lake City. Bulletin, v.31, no.5 (Biol. ser. v.6, no.2), Nov.5, 1940.

Rees, D. M., and Grundmann, A. W. A preliminary list of the ants of Utah. 11, [1]p. Bibliography, p.[12].

Vestnik zashchity rastenii (Moscow [etc.]), 1940, no.1-2.

Andreeva, N. V. Effect of injuries caused by the beet flea (Chaetocnema concinna) on the growth and yield of beets, p.62-68. Text in Russian.

Beresina, V. M. Material for the bioecology of the cockchafer Maladera holosericea Scop., p.91-[95], illus. Literatura, p.[95]. Text in Russian.

Bobinskaja, S. G. Basic ecological factors regulating the increase of Polychrosis botrana Schiff. in Kakhetia, p.78-[86], illus. Literatura, p.[86]. Text in Russian.

Bogdarina, A. A. The influence of a various securiness (!) of apple-tree leaves with water on the falling-off during spraying with mineral oil emulsions, p.185-[191]. Literatura, p.190-[191]. Text in Russian.

Vestnik zashchity rastenii (continued)

Bogooosh, P. P. Poisoned baits as a control measure against the *Phytonomus*, p.39-41. Text in Russian.

Boogdanov, G. B. Testing *Trichogramma* as a control measure against *Cydia pomonella* in the conditions of the Foot-Hill Zone of the northern Caucasus in 1939, p.173-178, illus. Literatura, p.177-178. Text in Russian.

Filatov, K. N. The decrease of the norm of sodium arsenate as a control measure against the Siberian grasshopper (*Gomphocerus sibiricus* Lin.), p.202-[203]. Text in Russian.

Goretzkaia, I. N. The results of the use of the *Trichogramma* of the Azerbaidjan race as a control measure against the American cotton boll-worm on cotton plants in the Azerbaidjan USSR, p.166-[172]. Text in Russian.

Iliinski, A. M. The chemical control method against pests and plants diseases in the USSR, p.15-[23]. Text in Russian.

Meisakhovitch, J. A. Formulae for the calculation of the increase of the productivity of the field sprayers, p.211-[214]. Text in Russian.

Meyer, N. F. The theoretical grounding of the biological control method against injurious insects, p.143-[152], illus. Literatura, p.151-[152]. Text in Russian.

Meyer, N. F., and Tumeneva, V. A. The influence of the changeable temperatures upon the dates of the development, fecundity and relation of the sexes of the *Trichogramma* [*Trichogramma evanescens* Westw.], p.153-160. Literatura, p.160. Text in Russian.

Novopolskaia, E. New data concerning the biology of the apple sucker [*Payllia mali* Först.] in the Crimea, p.96-98. Text in Russian.

Paikin, D. M. The use of a film and polychlorides as a control measure against the beet weevil, p.47-[52], illus. Literatura, p.[52]. Text in Russian.

Piatnitzki, G. K. New methods of mechanical control measures against the beet weevil, p.42-46. Text in Russian.

Ponomarenko, D. A. Insects injuring the irrigated and unwatered lucern in the region of the left bank of the Volga and the adjoining regions, p.24-38. Text in Russian.

Savtchenko, E. N., and Jarmolenko, I. M. The bonification of chlorpicrine and the mechanization of its introduction into the soil during the application of control measures against the larvae of the beet-weevil, p.53-[61]. Literatura, p.[61]. Text in Russian.

Schapiro, I. D., and Koopermann, J. M. A test of the adaptability of the *Trichogramma* as a control measure against the cotton boll worm [*Chloridea obsoleta* F.] on the culture of tomatoes in Azerbaidjan, p.179-182, illus. Text in Russian.

Schtepelinikova, V. A. For the ecology of the Azov-Black Sea race of *Trichogramma evanescens* Westw., p.161-[165]. Literatura, p.[165]. Text in Russian.

Sheck, G., and Abdullaev, A. The fecundity of the Transcaucasian marble cockchafer, *Polyphylla oliveri* L. in connection with nutrition, p.87. Text in Russian.

Sheck, G. H. The cause of the mass increase of *Pseudococcus citri* Riss in Azerbaidjan, p.88-[90]. Literatura, p.[90]. Text in Russian.

Vestnik zashchity rastenii (continued)

Shipinov, N. A. Sorption of HCN on soils during their fumigation with cyanides, p.192-[199], illus. Literatura, p.[199]. Text in Russian.

Sidorovnina, E. P. On the hibernation of the egg-parasite of the bug (*Eurygaster integriceps* Osh.), *Microphanurus semistriatus* Nees., p.183-184. Text in Russian.

Stark, V. N. The utilization of *Scolia* species as a control measure against cockchafer, p.120-[142]. Literatura, p.140-[142]. Text in Russian.

Tamm, L. A. Results of the examination of a one-horse duster, p.204-[210], illus. Text in Russian.

Vassiliev, J. V. A brief review of control measures against corn bugs, p.69-[71]. Text in Russian.

Washington. Entomological society. Proceedings, v.43, no.1, Jan. 1941.

Fox, I. The siphonapteran thorax, p.6-11, illus. Literature cited, p.10.

Needham, J. G. Insects from seed pods of the primrose willow, *Jussiaea angustifolia*, p.2-6, illus.

Wasmann collector (San Francisco), v.3, no.3, Nov. 1939; v.4, no.2, Nov. 1940.

Hill, W. C. The genus *Physaloptera* Rudolphi 1819 (Nematoda: Physalopteridae), v.4, no.2, p.[60]-70. Literature cited, p.68-70.

Kessel, E. L., and Kessel, B. B. Diptera associated with fungi, v.3, no.3, p.[73]-92. Literature cited, p.90-92.

Wallen, R. Observations on *Vespa diabolica* (Saussure) (Hymenoptera; Vespidae), v.3, no.3, p.[69]-71.

Wiener entomologen-verein. Zeitschrift, v.25, 1940; no.5, May 15; no.6, June 15; no.7, July 15; no.10, Oct.15; no.11, Nov.15.

Albers, T., and Warnecke, G. Vier europäische arten der *Dyscia conspersaria* F.-gruppe (Lepidopt. Geometr.), no.6, p.118-122, illus.

Buhr, H. Über verbreitung und ausländische nahrungspflanzen von neptikeln, no.10, p.193-196. (Fortsetzung folgt.)

Kautz, H. Betrachtungen über das ei-, raupen- und puppen-stadium, no.11, p.198-200. (Schluss folgt.)

Klimesch, J. Zur arborechtigung und lebensweise der *Coleophora princiella* Krone (Lep. Coleophoridae), no.7, p.[129]-134, illus.; Über eine nepticuliden-ausbeute von Triest sowie beschreibung der mine von *Leucospilapteryx cupediella* H. S. (Lep., Nepticulidae et Gracilaridae), no.10, p.188-193, illus.

Lunak, R. Die biotope und biologie von *Lignyoptera thaumastaria* Rbl. im vergleich mit *L. fumidaria* Hb., no.5, p.94-98.

Rebel, H. Über den spanischen reisbohrer (*Chilo orizae* Fletcher), no.6, p.116-117.

Sterneck, J. von. Versuch einer darstellung der systematischen beziehungen bei den palaearktischen *Sterrhinae* (Acidalinae). Studien über Acidalinae (Sterrhinae) VIII. II. teil: Die gattung *Scopula* und deren nahe verwandte, no.11, p.200-208, illus.

Warnecke, G. *Agrotis (Rhyacia) cuprea* Hb. (Lep. Noct.). I. Nachträge zur kenntnis ihrer verbreitung in Mitteleuropa. II. Beschreibung einer neuen subspecies, *japonica*, von Japan, no.10, p.182-185.

Zeitschrift für angewandte entomologie (Berlin), v.27, 1940; no.1, Apr.; no.2, Sept.

Goetsch, W. Beiträge zur bekämpfung von ameisen-staaten. I. teil, no.2, p.[273]-320, illus. Literatur, p.320.

Gontarski, H. Beitrag zur honigtaufrage, no.2, p.[321]-332, illus. Schrifttum, p.332.

Leonhardt, H. Beiträge zur kenntnis der lachniden, der wichtigsten tannenhonigtauerzeuger, no.2, p.[208]-272, illus. Literaturverzeichnis, p.271-272.

Mayer, A. Ernährungsphysiologische untersuchungen an nonnenraupen (*Lymantria monacha* L.), no.2, p.[157]-207. (Ein II. teil folgt.)

Nietzke, G. Die parasiten der zwiebelminierfliege (*Dizygomyza cepae* Her.), no.1, p.[71]-83, illus. Literatur, p.83.

Schaerffenberg, B. Die nahrung des maulwurfs (*Talpa europaea* L.), no.1, p.1-70, illus. Schrifttum, p.64-70.

Schimitschek, E. Beiträge zur forstentomologie der Türkei III. Die massenvermehrung des *Ips sexdentatus* Börner im gebiete der orientalischen fichte, no.1, p.[84]-113, illus. Schrifttum, p.113.

Trägårdh, I. Neue beobachtungen über den schusterbock (*Monochamus sutor* L.) in Schweden, no.1, p.[142]-149.

Zänkert, A. Untersuchungen über die durchlässigkeit der honigblase und des chitinpanzers von *Apis mellifica* L. für arsen, no.1, p.[114]-125, illus. Literatur, p.125.

Zumpt, F. 4. Vörstudie zu einer monographischen bearbeitung der Stomoxydinae. Über einige afrikanische und orientalische Stomoxysarten, no.1, p.[126]-141, illus. Schrifttum, p.141.

Zeitschrift für hygiene und infektionskrankheiten (Berlin [etc.]), v.122, no.5, July 8, 1940.

Drensky, K. Bekämpfung und erforschung der malaria in Petritsch (Bulgarien), p.[550]-559, illus.

Zeitschrift für hygienische zoologie und schädlingsbekämpfung (Berlin), v.32, 1940; no.1/2, Jan./Feb.; no.3, Mar.; no.4, Apr.; no.5, May; no.6, June; no.7/8, July/Aug.; no.9, Sept.

Eichler, W. Zur sammel-, zucht- und präparationstechnik der larven und fliegen unserer rinderdasselfliegen. (Untersuchungen über hypodermiden. IV), no.5, p.[97]-106, illus. Schrifttum, p.105-106.

Hundertmark, A. Versuche und beobachtungen über das verhalten von *Anopheles maculipennis* bei verschiedener lichtfeuchtigkeit und temperatur, no.4, p.86-95. Literaturverzeichnis, p.94-95.

Kemper, H. Über die von tierischen gesundheits- und wohnungsschädlingen hinterlassenen spuren, no.1/2, p.[1]-37, illus. Literatur, p.35-37; Ueber läusebekämpfungs-lehrgänge, no.7/8, p.138-143.

Madel, W. Bemerkenswerte schädlingsmeldungen aus Berlin und umgebung, no.9, p.170-175, illus.

Peter, K. Die bekämpfung hygienisch wichtiger schädlinge an bord, no.9, p.[157]-170.

Peters, G. Die verdunstung als unentbehrliches mittel der schädlingsbekämpfung mit gasen, no.6, p.[113]-119, illus.

Peus, F. Die stechmückenplage und ihre bekämpfung. II. teil. Die Aedes-mücken [*Aedes vexans* Meig.], no.3, p.[49]-79, illus.

Zeitschrift für hygienische zoologie... (continued)

Trüb, C. L. P. Die neue polizeiverordnung des polizeipräsidenten Berlin über die bekämpfung der stechmücken in der Reichshauptstadt, no.7/8, p.[133]-138.

Zeitschrift für infektionskrankheiten, parasitäre krankheiten und hygiene der haustiere (Berlin), v.65, no.3, July 15, 1940.

Gebauer, O. Beobachtungen und betrachtungen zum jahreszyklus der beiden dasselfliegen des rindes [Hypoderma bovis De Geer and Hypoderma lineatum De Villers], p.[207]-228, illus. Schrifttum, p.226-228.

Zeitschrift für morphologie und ökologie der tiere (Berlin), v.36, no.5 (schluss), June 11, 1940.

Seidler, B. Vergleichend morphologische untersuchungen der eistruktur nahe verwandter käferarten, p.[677]-744, illus. Schriftenverzeichnis, p.744.

Zeitschrift für pflanzenkrankheiten (pflanzenpathologie) und pflanzen- schutz (Stuttgart), v.50, 1940; no.6, June; no.9, Sept.; no.11, Nov.

Gersdorf, E. Ueber eine maikäferbekämpfung in bauerwäldern des kreises Burbdorf/Hannover, no.11, p.456-564, illus. Schriften- verzeichnis, p.564.

ter Hazeborg, A., Nauner, H., and Neuche, A. Entstehung gekrümmter schoten bei raps und rübsen durch rapsglanzkäferfrass [Dasyneura brassicae], no.11, p.552-555, illus.

Jancke, O. Versuche zur winterbekämpfung des springwurms [Sparganothis pilleriana Schiff] und der kräuselmilbe [Epitrimerus vitis Mal.], no.6, p.309-314. Schrifttum, p.313-314.

Klee, H. Der prachtkäfer Agrilus communis Obenb. als himbeerschädling, no.11, p.564-565, illus.

Weidner, H. Ueber Phosphorus gabonator Thoms. (Col., Ceramb., Lamiin.) und Eulophonotus myrmeleon Feld. u. Rog. (Lep., Casaudae), zwei schädlinge des kakaozums in Kamerun, no.9, p.[433]-444, illus. Schriftenverzeichnis, p.443-444.

Zeitschrift für wissenschaftliche zoologie (Leipzig), Abt. A, v.153, no.1, Apr. 1940. (Received Jan. 1941.)

Sendler, O. Vorgänge aus dem bienenleben vom standpunkte der entwicklungsphysiologie, p.39-82, illus. Schrifttum, p.81-82.

Zoologische jahrbücher (Jena). Abt. für anatomie und ontogenie der tiere, v.66, no.4, 1940.

Kusmenko, S. Ueber die postembryonale entwicklung des darmes der honigbiene und die herkunft der larvalen peritrophischen hüllen, p.[363]-530, illus. Literaturverzeichnis, p.525-528.

Zoologische jahrbücher (Jena). Abt. für systematik, ökologie und geographie der tiere, v.74, no.3, Sept.15, 1940.

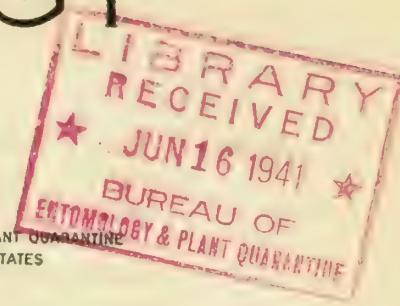
Beier, M. Die pseudoscorpionidenfauna der landfernen inseln, p.[161]-192, illus. Literaturverzeichnis, p.192.

Friese, H. Zur biologie der Eu glossa-arten (goldbienen Amerikas). Mit kurz skizziertem werdegang unserer honigbiene, p.[157]-160, illus.

ENTOMOLOGY

CURRENT LITERATURE

SELECTED REFERENCES COMPILED BY THE STAFF OF THE BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
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This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.

BOOKS

Australia. Commonwealth Prickly Pear Board.

The Biological campaign against prickly-pear, by Alan P. Dodd. 177p. illus. Brisbane, A. H. Tucker, Government printer, 1940.

Betten, C., and Mosely, M. E.

The Francis Walker types of Trichoptera in the British museum, re-described and figured by Cornelius Betten...and Martin E. Mosely... 248p. illus. London, Printed by order of the Trustees of the British museum [Dorking, Adlard & son ltd.], 1940. Bibliographies interspersed.

Bristol, Eng. University. Agricultural and horticultural research station...Long Ashton, Bristol.

Annual report 1939. 160p. illus. Bath, Mendip press, ltd., n.d. Partial contents.- Kearns, H. G. H., and Martin, H. Spraying farm orchards in war time, p.35-41. References, p.41; Marsh, R. W. Notes on the use of certain sulphur preparations in apple

Bristol, Eng. University. (continued)

spraying, p.42-51. References, p.51; Berry, W. E. Spray injury studies. Progress report.- II. The effects of time and temperature on the production of hydrogen sulphide during atmospheric decomposition of lime sulphur, p.52-56. References, p.56; Kearns, H. G. H. A simple connector for overland steel spray mains, p.57-59, illus.; Kearns, H. G. H., and Martin, H. The control of fruit tree red spider mite [Oligonychus ulmi Koch], p.60-65. References, p.65; Walton, C. L. Field trials for the control of the cabbage root fly [Delia (Hylemyia) brassicae Bouché], 1937-1939, p.66-71. References, p.71; Bennett, S. H. Experiments on the control of the chafer beetle Phyllopertha horticola L. in grassland. Progress report.- I, p.72-76. References, p.76; Walton, C. L. A note on the caddis-fly, Limnophilus lunatus Curtis, as a pest of cultivated watercress, p.77-78.

Brown, A. W. A.

Foliage insects of spruce in Canada. 29p. illus. Ottawa, 1941. (Canada. Dept. agr. Tech. bul. 31 [Pub. 712].)

Burmeister, F.

Biologie, ökologie und verbreitung der europäischen käfer auf systematischer grundlage. 1. band: Adephaga. I. Familiengruppe: Carabidea. 307p. illus. Krefeld, Hans Goecke verlag, 1939. Bibliographies interspersed.

Buzacott, J. H.

The relationship between hardness of sugar cane and varietal resistance to the beetle borer (Rhabdocnemis obscura Boisd.). p.[127]-152, illus. Brisbane, A. H. Tucker, Government printer, [1940]. References, p.152. (Brisbane, Bur. sugar expt. stas. Tech. commun. year 1940, no.8.)

Chamberlin, W. J.

Entomological nomenclature and literature. 103p. illus. Ann Arbor, Michigan, Edwards bros., inc., 1941. Processed.

De Beer, G. R.

... Embryos and ancestors. 108p. illus. Oxford, Clarendon press, 1940. Bibliography, p.99-105.

Hayward, K. J.

Lucha biológica contra las moscas de las frutas. Dispositivo que permite la salida de los parásitos beneficiosos del pozo donde se arroja la fruta atacada. 6p. illus. Tucumán, 1940. (Tucumán. Estac. agr. Cir, no.95.)

International Congress of Entomology, 7th, Berlin, 1938.

...Zusammenfassungen der vorträge. Summaries of the communications. Resumés des communications. 192p. [Weimer, Druck: G. Uschmann, 1938?]

Isely, D.

Methods of insect control. Part I. Second edition - revised.
121p. Minneapolis, Minn., Burgess publishing co., 1937-1941.
References at ends of chapters. Processed.

Kohls, G. M.

Siphonaptera: a study of the species infesting wild hares and rabbits of North America north of Mexico. 34p. illus. Washington, United States government printing office, 1940. Bibliography, p.25-26. (U. S. Pub. health serv. Natl. inst. health. Bul. no.175.)

Kraneveld, F. C., and Djaenoedin, R.

Proeven over de overbrenging van miltvuur door den Tabanus rubidus Wied. op paard en buffel. 42p. illus. (East Indies (Dutch). Dept. van econ. zaken. Veeartsenijk. meded. no.83.)

Mackerras, I. M., Mackerras, M. J., and Burnet, F. M.

Experimental studies of ephemeral fever in Australian cattle. 116p. illus. Melbourne, 1940. References, p.113-116. (Austral. Council sci. & indus. res. Bul. no.136.) (Attempted transmission by insects, p.82-87.)

Mazza, S., Jörg, M. E., and Tobar, R. G.

Estudios sobre Triatomidas ... Debatida posición sistemática de un Triatomidea chileno. 34p. illus. Buenos Aires, 1941. Bibliografía, p.34. (Buenos Aires. Univ. Misión de estud. de patol. region. Pub. no.50.)

Ontario. Entomological Society.

Seventy-first annual report ... 1940. 64p. illus. Toronto, Printed by T. E. Bowman, Printer to the King's most excellent Majesty, 1941. Partial contents.- Stirrett, G. M., and Thompson, R. W. Spraying for the control of the European corn borer [Pyrausta nubilalis Hbn.] in sweet corn, p.9-15, illus.; Thompson, R. W. Hybrid corn in the corn borer control program, with notes on the situation in Ontario in 1940, p.16-20; Hammond, G. H. Feeding habits and vertical movements of third year grubs of Phyllophaga anxia Lec., p.20-22; Pickett, A. D., Patterson, N. A., Cameron, J. M., and Neary, M. E. Field experiments for the control of the mullein leaf bug Campylomma verbasci Meyer, in Nova Scotia apple orchards, p.23-25; Matthewman, W. G. Two experiments which show promising control of the columbine borer, Papaipema purpurifascia G. and R., (Phalaenidae), p.26-29; Smith, C. W. Successful hibernation of the earwig parasite Bigonicheta setipennis Fall. in Ontario, p.29-32; Dustan, G. G. The symphytid, Scutigerella immaculata (Newp.), as a pest of greenhouse crops in Ontario, p.33-39, illus. References, p.39; Boyce, H. R. Biological control of the codling moth [Carpocapsa pomonella L.] in Ontario, p.40-44. References, p.44; Naphtali, D. K. The introduction of two European parasites of the codling moth, Carpocapsa pomonella L., into Canada, p.44-47, illus.; Maxwell, C. W. B. Preliminary experiments on the control of the cranberry fruit worm [Mineola vaccinii Riley] in New Brunswick, p.47-50; Brown, A. W. A. A note on the gross estimate of forest

Ontario. Entomological Society. (continued).

insect damage in Canada, p.52; Twinn, C. R. A summary statement concerning some of the more important insect pests in Canada in 1940, p.53-61.

Pacific University.

Pacific University bulletin, v.37, no.6, 8. Forest Grove, Oregon, Pacific University, 1940-41. Contents.- no.6. Hubbard, C. A. A review of the western fleas of the genus *Malaraeus* with one new species and the description of a new *Thrassis* from Nevada [*Thrassis jellisoni* new species]. 4p. illus.; no.8. Hubbard, C. A. Ectoparasites of western Lagomorpha. Part I. The ectoparasites of 100 western conies (Ochotona). Part II. The ectoparasites of western rabbits (*Lepus-Sylvilagus-Brachylagus*). 8p. illus.

Pennsylvania State Horticultural Association.

Proceedings of the eighty-second annual meeting ... January 21, 22, 23, 1941. 136p. State College, Pa., 1941. Partial contents.- Guyton, T. L. 1940's unusual insects, p.52-56; Pepper, J. O. The fruit grower and the codling moth, p.67-68, 70-71, illus.; Worthley, H. N. Recent research work with fruit insects, p.72-80.

Plessis, C. du, and Nolte, M. C. A.

Laboratory experiments on the improvement of poison baits for hoppers of the red locust [*Nomadacris septemfasciata* (Serv.)]: 1936-37. 44p. Pretoria, Government printer, 1940. (Union So. Africa, Dept. agr. and forestry. Sci. bul. no.227 [Locust research ser.].)

Stäger, R.

Erlebnisse mit ameisen. 23lp. illus. Zug, Eberhard Kalt-Zehnder, [pref. 1939.]

Sudan. Department of Agriculture and Forests.

Annual report. Part II, being the report of the Agricultural research service for the year ended 31st December 1938, relating to experimental results obtained in the crop season 1937/38. 124p. illus. McCorquodale & co. Sudan ltd., n.d. Partial contents.- Entomological section. Agricultural research service. Report by Mr. H. W. Bedford on the work carried out by the staff of the Section during the season 1937/38, p.50-71.

Sudeikin, G. S., and Sludski, N. F.

Injurious insects and fungus diseases of the forest. 81, 1p., illus. Moscow, Gosydarstvennoe lesotekhnicheskoe izdatel'stvo, 1939. Text in Russian.

Sweden. Statens Växtskyddsanstalt.

Flygblad. No. 52, 54, 56. Stockholm, 1940. Contents.- no.52. Sjukdomar och skadedjur på oljeväxter. 1. raps. 10p. illus.; no.54. Fruktträdens besprutning, 1939. 9p. illus. (Reviderad upplaga av no.44); no.56. Skadedjur inomhus. 11p. illus.

Sweden. Statens Växtskyddsanstalt.

Meddelande. No. 31-32. Stockholm, 1940. Contents.- no.31.

Svärdson, G. Studier och försök rörande vetemyggorna: *Contarinia tritici* Kirby och *Clinodiplosis mosellana* GeH., samt deras vekämpande. VII. Vetemyggornas windspridning. 36p. illus.

Litteratur, p.35-36; no.32. Ahlberg, O. Besprutningsförsök mot plommonstekeln, *Hoplocampa minuta* Chr. 24p. illus. Litteratur, p.23-24.

[Teranishi, Cho]

[Complete works of Cho Teranishi, compiled by Horoshi Teranishi].

311, 95p., illus. [Osaka, Japan, Kansai entomological society, 1940?].

Union County Mosquito Extermination Commission

Report ... for 1940. 20p. illus. Cranford, New Jersey, [n.d.]

Venezuela. Ministerio de Sanidad y Asistencia Social. Division de Malariaologia.

Publicacion no.5-6. 82, 34p. illus. Caracas, 1940. Contents.-

No.5. Estudios sobre anofelinos. Serie I.

1. Gabaldon, A. Descripción de *Anopheles (Nyssorhynchus) núñez-tovari*, n. sp., y consideraciones sobre una sub-division del grupo *Nyssorhynchus* (Diptera, Culicidae), p.[3]-7. Referencias, p.7.

2. Gabaldon, A., Cova-García, P., and López, J. A. *Anopheles (Nyssorhynchus) rangeli*, una nueva especie de la sub-serie *oswaldoi* (Diptera, Culicidae) de amplia distribucion Venezuela, p.[9]-23. Referencias, p.23.

3. Gabaldon, A., Cova-García, P., and Arévalo, A. Observaciones sobre número de huevos, salinidad de criaderos y tiempo de desarrollo de tres especies de la sub-serie *oswaldoi*, p.[25]-32. Referencias, p.32.

4. Gabaldon, A., López, J. A., and Ochoa-Palacios, M. Variaciones curiosas de cuentas diarias de anofelinos en trampas-establo, p.[33]-39.

5. Gabaldon, A., Ochoa-Palacios, M., and Pérez-Vivas, M. A. Observaciones sobre lecturas de trampas-establo con cebo animal, p.[41]-56.

6. Gabaldon, A., Herrera, J., Pérez-Vivas, M.A., and Rausseo, J. A. *Chagasia bathanus* Dyar, 1928: su hallazgo en Venezuela, y nota sobre variaciones morfológicas de las pupas, p.[57]-62. Referencias, p.62.

7. Gabaldon, A., and Aguilera, C. Variaciones del color de las especies venezolanas de la sub-serie *oswaldoi* (Diptera, Culicidae), p.[63]-82. Referencias, p.81-82.

No.6. Cova-Garcia, P. La legislacion antimalarica venezolana y proyecto de reglamentacion. Bibliografia, p.[27]-34.

Western Shade Tree Conference, 6th .

Proceedings of annual meeting, Oakland, California, April 26-27-28, 1939. 53p. [n.p., 1939.] Partial contents.- Burke, H. E.

Western Shade Tree Conference, 6th (continued)

Important insect pests of deciduous shade trees, p.37-43; Smith, R. H. The ilicis mite [Paratetranychus ilicis McGregor], injurious to trees and shrubs in California, p.43-46.

PERIODICALS

Académie des sciences. Paris. Comptes rendus, v.210, no.24, June 10, 1940; v.211, 1940; no.15, Oct. 14; no.16, Oct. 21.

Cousin, G. Sur l'hétérosis des hybrides de Gryllus campestris L. et Gr. bimaculatus de Geer, v.210, no.24, p.791-794.

Lecamp, M. Sur le déterminisme de la régénération des membres chez les phasmes, v.211, no.15, p.302-304.

Mathis, M. Rythme biologique saisonnier d'un moustique d'eau de mer, Aedes desbansi Seguy, 1923, v.211, no.16, p.337-339.

Académie des sciences de l'URSS. Moscow. Comptes rendus n.s. v.28, no.8, 1940; v.30, no.1, 1941.

Machotin, A. Zu den erscheinungen der reduktion in der morphologie der imagines des grossen frostspanners (Erannis defoliaria Cl.), v.28, no.8, p.760-763, illus. Zitierte literatur, p.763.

Popov, V. B. Family Oxaeidae and processes of morphological reduction in bees (Hymenoptera Apoidea), v.30, no.1, p.82-85, illus.

References, p.85.

Académie des sciences de l'URSS. Moscow. Institut zoologique. Magasin de parasitologie, v.8, 1940.

Blagoveshtchensky, D. J. Mallophaga from birds of the Talysh Lowlands, p.[25]-90, illus. Literatura, p.75-76. Text in Russian. English summary, p.76-90.

Pospelova-Strom, M., and Strom, J. On the parasites (!) fauna of animals, chiefly local and migratory birds from Talysh (Transcaucasia), p.[7]-24. Text in Russian. English summary, p.24.

El Agricultor mexicano (Juárez), v.57, no.3, Mar. 1941.
Estros, p.21-24, illus.

Agricultural gazette of New South Wales (Sydney), v.52, pt.2, Feb. 1, 1941.

Holbeche, J. A. Blossom removal sprays. Their use on unprofitable apple varieties, p.108-109.

Akademia sel'skokhoziaist-vennykh nauk im V. I. Lenina. Moscow. Doklady, 1940, no.21.

Shumakov, E. M. Causes of swarming in locust species, p.10-[15], illus. References, p.[15]. Text in Russian.

American journal of tropical medicine, (Baltimore), v.21, no.2, Mar. 1941.

Boyd, M. F. An historical sketch of the prevalence of malaria in North America, p.223-244, illus. Bibliography, p.242-244.

Clark, H. C., Kompp, W. H. W., and Jobbins, D. M. A tenth year's observations on malaria in Panama, with reference to the occurrence of variations in the parasite index, during continued treatment with atabrine and plasmochine, p.191-216. References, p.216.

American medical association. Journal (Chicago), v.116, 1941; no.10, Mar;8, no.14, Apr.5; no.17, Apr.26.

Hesdorffer, M. B., and Duffalo, J. A. American Q fever. Report of a probable case, no.17, p.1901-1902, illus. [Dermacentor andersoni.]

Howell, D. E., and Stiles, G. W. An unusual reaction to the bite of the dove louse fly, *Stilbometopa podopostyla* Speiser, no.14, p.1517-1518.

Olitsky, P. K. Hans Zinsser and his studies on typhus fever, no.10, p.[907]-912.

Annals and magazine of natural history (London), ser.11, v.6, no.36, Dec. 1940; v.7, no.38, Feb. 1941.

Hincks, W. D. Preliminary key to the "Petrejus" section of the genus *Passalus* (Coleoptera, Passalidae), v.6, no.36, p.486-496.

Maulik, S. Biology and morphology of the Sagrinae (Chrysomelidae, Coleoptera), v.7, no.38, p.235-254, illus. Annotated bibliography, p.252-253.

Thompson, G. B. Notes on the Mallophaga of aquatic birds.- I. Mallophaga from divers (Graviiformes), v.6, no.36, p.513-522. 7 figs.

Annotationes zoologicae Japonenses (Tokyo), v.19, no.4, Dec. 10, 1940.

Kuwana, Z. Some histochemical characters of the cuticle of the larva of Bombyx mori L., p.309-311, illus. Literature, p.311.

Anzeiger für schädlingskunde (Berlin), v.16, 1940; no.3, Mar.15; no.12, Dec.15; v.17, no.1, Jan.15, 1941. (v.16, no.3, received Apr.30, 1941.)

Bandt, H.-J. Über die giftwirkung von dinitroortho-kresol-präparaten und von "nemotan" auf fische, v.17, no.1, p.7-9. Schrifttum, p.9.

Daxer, H., and Stellwaag, F. Aktivierung geringer mengen von darmgiften durch zusätze, v.16, no.3, p.[25]-32. Schrifttum, p.32.

Eichler, W. Die wirtschaftliche bedeutung der Mallophagen (haarlinge und federlinge), v.16, no.3, p.32-36, illus. Schrifttum, p.35-36.

Göszwald, K. Ist nun die rote waldameise nützlich oder schädlich, v.17, no.1, p.[1]-7. Schrifttum, p.6-7.

Jancke, O. Die wirtspflanzen des springwurms (*Sparganothis pilleriana*), v.16, no.12, p.136-138, illus.

Janisch, E. Eine schwarzfleckenkrankheit bei den larven der wiesenschnake [*Tipula*], v.16, no.12, p.134-135, illus.

Kirchner, H.-A. Versuche über die ernährung der stabheuschrecke (Carausius morosus) mit pfirsichtrieben, v.16, no.12, p.135-136.

Reinmuth, E. Verwechslung von neamtodeneikapseln mit juncus-samen, v.17, no.1, p.10, illus.

Steiner, G. Eine einfache und wirksame anordnung zum fangen von fliegen in geschlossenen räumen, v.16, no.12, p.138-139, illus.

Arbeiten über physiologische und angewandte entomologie aus Berlin-Dahlem, v.7, no.3, Sept. 25, 1940.

Fulmek, L. Verbreitung und nährpflanzen der San José-schildlaus [*Aspidiotus perniciosus* Comst.] in der Ostmark, p.[177]-182.

Kéler, S. Ein beitrag zur kenntnis der parasiten des apfelblutenstechers (Anthonomus pomorum Linné), p.233-256, illus. (Fortsetzung in nächsten heft.)

Arbeiten über physiologische und angewandte entomologie aus Berlin-Dahlem.
(continued)

Körting, A. Zur biologie und bekämpfung der möhrenfliege (Psila rosae F.) in Mitteldeutschland, p.209-232, illus. (Fortsetzung im nächsten heft.)

Sellke, K. Weitere versuche mit chemischen mitteln zur bekämpfung des kartoffelkäfers [Leptinotarsa decemlineata Say], p.182-208, illus. (Fortsetzung im nächsten heft.)

Archiv für schiffs-und tropen-hygiene (Leipzig), v.44, no.12, Dec. 1940.

Weyer, F. Die malariaüberträger Afrikas (Anopheles gambiae und Anopheles funestus), p.587-594, illus. Schrifttum, p.594. (Hamburg. Institut für schiffs- und tropenkrankheiten. Medizinisch wichtige insekten. Merkblatt 7.)

Archiv für naturgeschichte (Leipzig), new ser., v.9, no.2, Apr. 15, 1940.

Stresemann, E. Zur kenntnis der wespenbussarde (Pernis), p.[137]-193.

Archives des sciences biologiques (Moscow, [etc.]), v.60, pt.2, 1940.

Olsufiev, N. G. The role of ectoparasites in the dissemination of tularemia in the middle district of USSR. (A contribution to an epidemiological analysis), p. [42]-55.

Australian museum magazine (Sydney), v.7, no.5, June-Aug. 1940.

McKeown, K. C. Australian insects. IX. Orthoptera, 4. - The locusts, p.151-156, illus.

Bernice Pauahi Bishop museum. Honolulu. Occasional papers, v.16, no.8, Feb.26, 1941.

Zimmerman, E. C. A revision of the genus Deretiosus (Coleoptera, Curculionidae), p.[177]-214, illus. Bibliography, p.214.

Biological bulletin (Lancaster, Penn.), v.80, no.1, Feb. 1941.

Gilmour, D. Repayment of the anaerobic oxygen debt in grasshopper skeletal muscle, p.45-49. Literature cited, p.49.

O Biologico (São Paulo, Brazil), v.7, no.1, Jan. 1941.

Lepage, H. S. A vigilancia sanitária vegetal, p.13-18.

Biologisches zentralblatt (Leipzig), v.60, no.11/12, Nov./Dec. 1940.

Kühn, A., and Engelhardt, M. von. Ein das flügelmuster beeinflussender letalfaktor bei Ptychopoda seriata, p.[561]-566, illus. Schriftenverzeichnis, p.566.

Wagner, E. Über eine die gonaden beeinflussende mutation (Or) von Ptychopoda seriata Schrk.), p.[567]-589, illus. Schriftenverzeichnis, p.589.

Bombay natural history society. Journal (London), v.42, no.1, Dec. 1940.

McCann, C. The wood-cutting wasp (Sphecodes edax Bingham), and its prey in Salsette, p.209-210; Insects at a street lamp at Andheri, p.213-216; Larva of Theretra lycetus Cr. parasitized by tachinid flies, p.210-211.

Bombay natural history society. Journal (London). (continued)

Mathew, A. P. A study of the courting habits of Myrmarachne plataleoides (Cambr.) - a spider mimic of the Indian red-ant Oecophylla smaragdina, p.[171]-180.

Parsons, R. E. Butterflies attracted by moist earth, p.206-207; On the larva of the moth (Circula triporestrata) and the destruction of the cocoons by tree shrews, p.207-208.

Subrahmanyam, T. V. Some Indian spiders: their season of prosperity, p.217-219.

Botanikai közlemények (Budapest), v.35, no.3/4, 1938.

Moesz, G. v. Magyarország gubacsai. (Die gallen Ungarns), p.[97]-206. Text in Magyar. German summary, p.205-206.

Boyce Thompson institute. Yonkers, N. Y. Contributions, v.11, no.6, Jan.-Mar. 1941.

McKenna, G. F., and Hartzell, A. Effect of wetting agents in increasing the efficiency of sprays used in control of Japanese beetle [Popillia japonica Newm.], p.465-471, illus. Literature cited, p. 471.

Bremen. Deutsches kolonial- und uebersee-museum. Veröffentlichungen, v.3, no.1, Dec. 20, 1940.

Kolosváry, G. v. Weitere angaben über das ueberwintern einiger spinnenarten, p.56-57.

Kröber, O. Das tabanidengenus Dicladocera Lutz, p.58-92, illus.

British Columbia. Entomological society. Proceedings (Vernon, British Columbia), no.37, Feb.22, 1941.

Downes, W., and Andison, H. Notes on the life history of the June beetle Polyphylla perversa Casey, p.5-8.

Gregson, J. D. The discovery of an ixovotoxin in Dermacentor andersoni eggs (Acarina: Ixodidae), p.9-10.

Holland, G. P. A survey of the rat fleas of the southern British Columbia coast with relation to plague studies, p.[1]-5. References, p.5; Further records of Siphonaptera for British Columbia, p.10-14. References, p.14.

Olds, H. F. Report on the value of plant inspection in relation to pest and disease control in the Dominion of Canada, p.19-20.

Spencer, G. J. Ectoparasites of birds and mammals in British Columbia. VI. A preliminary list of parasitic mites, p.14-18. References, p.17-18.

British medical journal (London), no.4182, Mar.1, 1941.

Hodgson, G. A. The incidence of scabies and its apparent dependence upon subnormal intelligence, p.316.

Brooklyn entomological society. Bulletin (Lancaster, Penn.), v.36, no.1. Feb. 1941.

Moennich, H. Supplemental list of Coleoptera found living in and on various fungi, p.20-22.

Timberlake, P. H. Synoptic table of North American species of Diadasia (Hymenoptera, Apoidea), p.2-11.

Brotéria (Lisbon), v.10, no.1, Feb. 1, 1941.

Ebner, R. Orthopterologische studien in Süd-Portugal, p.[5]-28, illus.

Bulletin of entomological research (London), v.31, pt.4, Jan. 1941.

Hinton, H. E. The Ptinidae of economic importance, p.331-381, illus. References, p.376-381.

Jack, R. W. Notes on the behaviour of Glossina pallidipes and G. brevipalpis, and some comparisons with G. morsitans, p.407-430, illus. References, p.429-430.

Marshall, G. A. K. New injurious Curculionidae (Col.), p.403-406.

Thomas, J. G. The relative size of the eye as a phase character in the African migratory locust [Locusta migratoria migratorioides (R. & F.)], p.431-433, illus.

Vesey-Fitzgerald, D. Melittomma insulare, Fairm. (Col. Lymexylonidae), a serious pest of coconut in the Seychelles, p.383-398, illus.

References, p.398.

Watson, G. E. A physiological study of mosquito larvae which were treated with anti-malarial oils, p.319-330. References, p.330.

California. State department of public health. Weekly bulletin (Sacramento), v.19, no.52, Jan.18, 1941.

Gray, H. F. Naturalistic methods in mosquito abatement, p.[205]-207. (Continued in next issue)

California citrograph (Los Angeles), v.26, no.5, Mar. 1941.

Lewis, H. C., and LaFollette, J. R. Snail control in orchards, p.117, 132, illus.

Persing, C. O., and Boyce, A. M. Citrus thrips control. Present recommendations for the use of tartar emetic, p.118, 144-145, illus.

Cambridge philosophical society, Cambridge, Eng. Biological reviews, v.16, no.2, Apr. 1941.

Robertson, J. D. The function and metabolism of calcium in the invertebrata, p.106-133. References, p.128-133.

O campo (Rio de Janeiro), v.11, no.129, Sept. 1940.

Bondar, G. Novas observações sobre Himatidium neivai Bondar, praga do coqueiro, p.26-27, illus.

Canadian entomologist (Orillia), v.73, 1941; no.1, Jan.; no.2, Feb.; no.3, Mar.

Heriot, A. D. A new character distinguishing Tetranychus pacificus McGregor from T. telarius L., no.1, p.[1]. illus.

Miller, R. B. Some observations on Chaoborus punctipennis Say (Diptera, Culicidae), no.3, p.[37]-39, illus.

Philip, C. B. Comments on the supra-specific categories of Nearctic tabanidae (Diptera), no.1, p.2-14. References, p.14.

Putman, W. L. The feeding habits of certain leafhoppers, no.3, p.39-53, illus. References, p.52-53.

Rau, P. A note on oviposition by the queen bumblebee, Bombus americanorum Fabr., no.3, p.55.

Canadian entomologist (Orillia), (continued)

Sabrosky, C. M. The Hippelates flies or eye gnats: preliminary notes, no. 2, p. 23-27.

Spencer, G. J. The control of human lice under war conditions, no. 1, p. 20.

Sweetman, H. L. Tests for toxicity of arsenicals and sodium fluoride to the American roach, *Periplaneta americana* L., no. 2, p. 31-34.

Literature cited, p. 34.

Urquhart, F. A. A proposed method for marking migrant butterflies, no. 2, p. [21]-22.

Chacaras e quintaes (São Paulo), v. 63, no. 2, Feb. 15, 1941.

Barcellos, O. S. Um novo inimigo da Sauvai? Ainda duas palavras sobre a formiga "bandeirante," p. [183]-186, illus.

Os auxiliares do homem na luta contra os parasitas. Insétos contra insetos, p. [173]-175, illus.

Chinese medical journal (Peiping), v. 57, no. 6, June 1940; v. 58, no. 4, Oct. 1940.

Chung, H.-L. On the relationship between canine and human kala-azar in Peiping and the identity of *Leishmania canis* and *Leishmania donovani*, v. 57, no. 6, p. [501]-522, illus. References, p. 516-518. [Phlebotomus spp.]

Robertson, C., and Chang, T. L. Malaria survey in western Yunnan, Lungling area and Lushih county, v. 58, no. 4, p. [446]-455, illus. References, p. 455.

Citrus leaves (Redlands, Calif.), v. 21, no. 4, Apr. 1941.

Boyce, A. M., and Kagy, J. F. DN-dust in control of the citrus red mite [Paratetranychus citri (MG)], p. 5-6, 13, 19, 22.

Clinica Luis Razetti. Laboratorio. Boletin (Caracas), v. 1, no. 3, Jan. 1941.

Iriarte, D. R. Investigaciones parasitológicas y entomológicas sobre la enfermedad de chagas. (Trabajo del Laboratorio de la Clinica "Luis Razetti"), p. [45]-64, illus.

Drug and cosmetic industry (Pittsfield, Mass.), v. 48, no. 4, Apr. 1941.

Lesser, M. A. Insect bites and stings, p. 408-411. Bibliography, p. 411.

Ecological monographs (Durham, N. C.), v. 11, no. 2, Apr. 1941.

Adams, R. H. Stratification, diurnal and seasonal migration of the animals in a deciduous forest, p. [189]-227, illus. Literature cited, p. 226-227.

Educational focus (Rochester, N. Y.), v. 12, no. 1, Spring, 1941.

Rosenbauer, E. Thrips. [Thysanoptera], p. 18-21, illus. References, p. 21.

Entomological news (Philadelphia), v. 52, 1941; no. 3, Mar.; no. 4, Apr.

Balduf, W. V. Take offs by prey-laden wasps (Hymen.: Pompilidae?, Specidae), no. 4, p. 91-92.

Entomological news (Philadelphia). (continued)

Forbes, W. T. M. Does he stridulate? (Lepidoptera: Eupterotidae), no.3, p.79-82, illus. [*Zamphana marmorea*.]

Hayes, W. P. A bibliography of keys for the identification of immature insects. Part II. Odonata (continued from page 55), no.3, p.66-69; no.4, p.93-98.

Irwin, W. H. A preliminary list of the Culicidae of Michigan. Part I. Culicinae (Diptera), no.4, p.101-105. Bibliography, p.104-105.

Pyle, R. W. Triungulins of a rhipiphorid beetle borne by *Elis quinquecincta* Fabr. (Coleoptera), no.3, p.74-79, illus. Bibliography, p.78-79.

Rau, P. A population study of a bumblebee colony, *Bombus americanorum* Fabr. (Hymen.: Bombidae), no.3, p.70-73.

Smith, F. A note on noctuid larvae found in ant's nests (Lepidoptera; Hymenoptera: Formicidae), no.4, p.109.

Williams, J. L. The relations of the spermatophore to the female reproductive ducts in Lepidoptera, no.5, p.6-35, illus. Literature cited, p.65.

Entomological society of America. Annals (Columbus, Ohio), v.34, no.1, Mar. 1941.

Balduf, W. V. Life history of *Phymata pennsylvanica americana* Melin (Phymatae, Hemiptera), p.204-214. References, p.214.

Bick, G. E. Life-history of the dragonfly, *Erythemis simplicicollis* (Say), p.215-230, illus. Literature cited, p.229-230.

Breland, O. P. Podagrion mantis Ashmead and other parasites of praying mantid [*Stagmomantis carolina* (Joh.)] egg cases (Hym.: Chalcidoidea; Dipt.: Chloropidae), p.99-113. Literature cited, p.113.

Bryson, H. R., and Dillon, G. F. Observations on the morphology of the corn seed beetle (*Agonoderus pallipes* Fab., Carabidae), p.43-50, illus.

DeLong, D. M. The genus *Prescottia* (Homoptera Cicadellidae) in North America, p.181-182, illus.

Dennis, C. A. Some notes on the nest of the ant *Prenolopis imparis* Say, p.82-86, illus. References, p.86.

Hitchcock, F. A., and Haub, J. G. The interconversion of foodstuffs in the blowfly (*Phormia regina*) during metamorphosis. I. Respiratory Metabolism and nitrogen excretion, p.17-25, illus. Literature cited, p.25.

Haub, J. G., and Hitchcock, F. A. The interconversion of foodstuffs in the blowfly (*Phormia regina*) during metamorphosis. III. Chemical composition of larvae, pupae and adults, p.32-37. Literature cited, p.37.

Horsfall, W. R. Biology of the black blister beetle (Coleoptera: Meloidae), p.114-126, illus. Literature cited, p.126.

Nesbitt, H. H. J. A comparative morphological study of the nervous system of the Orthoptera and related orders, p.51-81, illus. References, p.80-81.

Patton, M. B., Hitchcock, F. A., and Haub, J. G. The interconversion of foodstuffs in the blowfly (*Phormia regina*) during metamorphosis. II. Changes in composition as determined by the oxycalorimeter, p.26-31, illus. Literature cited, p.31.

Entomological society of America. Annals (Columbus, Ohio). (continued)
Roth, L. M., and Howland, R. B. Studies on the gaseous secretion of *Tribolium confusum* Duval. I. Abnormalities produced in *Tribolium confusum* Duval by exposure to a secretion given off by the adults, p.151-171, illus. Bibliography, p.170-171.
Spieth, H. T. The North American ephemeropteran types of the Rev. A. E. Eaton, p.87-98, illus.
Usinger, R. L. Key to the subfamilies of Naucoridae with a generic synopsis of the new subfamily Ambrysinae (hemiptera), p.5-16, illus. Literature cited, p.16.

Entomologisk tidskrift (Stockholm), v.62, no.1/2, 1941.
Benander, P. Småfjärilar från blekinge, p.[34]-46, illus.
Falkenström, G. Zusatz zum Catalogus coleopterorum daniae et fennoscandiae, Helsingfors 1939, p.89-92. Zitierte literatur, p.92.
Ringdahl, O. Bidrag till kännedomen om flugfaunan (Diptera brachycera) på Hallands Väderö, p.[1]-23.
Tjeder, B. Some remarks on "The generic names of the British Neuroptera", p.[24]-31, illus.
Wahlgren, E. Fjärilar och blommor. II. Heterocera, p.[49]-87. Litteratur, p.85-87.

Entomologiske meddelelser (København), v.21, 1940; no.1, Jan.20; no.2, June 20; no.3, Oct.15.
West, A. Fortegnelse over Danmarks biller, no.1, p.[1]-128; no.2, p.129-284; no.3, p.[285]-412.

Entomologist (London), v.73, no.931, Dec. 1940; v.74, 1941; no.932, Jan.; no.933, Feb.
Mackworth-Praed, C. W. Records of a new forest moth trap, no.932, p.6-12, illus; no.933, p.28-31.
Niblett, M. Some notes on the cynipid genus Andricus.- II, no.932, p.14-18. References, p.18.
Stovin, G. H. T. Some breeding experiments with Abraxsas grossulariata (Lep. Geometridae), no.931, p.265-268.
Tulloch, J. B. G. Mass movement of Pieris brassicae and P. rapae, no.933, p.32-35.
Wheeler, G. Specific names in the Erebias, and others, with a protest, no.933, p.[25]-27.
Wheeler, L. R. On the alleged rarity of certain Papilio females in Malaya, no.931, p.269-274.

Entomologist's monthly magazine (London), ser.4, v.2 (whole ser. v.77), 1941; no.13 (whole ser. no.920), Jan.; no.14 (whole ser. no.921), Feb.
Donisthorpe, H. Lordomyrma niger sp. n. (Hym., Formicidae), with key and notes on the genus, no.14, p.36-38.
Kaufmann, R. R. U. A contribution towards the list of aquatic Coleoptera of Hertfordshire, no.14, p.33-35. References, p.35.
Morley, C. The history of Cicadetta montana Scop. in Britain, 1812-1940, no.14, p.41-48. Records and references, p.43-48.
Yarrow, I. H. H., and Guichard, K. M. Some rare Hymenoptera Aculeata, with two species [Andrena floricola Eversm. and Lindenius armatus (V.d.Lind.)] new to Britain, no.13, p.2-13, illus.

Entomologist's record (London), v.53, 1941; no.1, Jan.; no.2 (and supplement), Feb.

Burr, M. An early notice of bedbugs, no.2, p.13-14.

Crowson, R. A. On the occurrence of northern and southern species of Carabidae in a section of the Weald, no.1, p.8-10.

Donisthorpe, H. Aulonium trisulcatum, Fourc., extending its range in England, no.2, p.18-19. Literature cited, p.19.

Turner, H. J. "The British Noctuae and their varieties" (J. W. Tutt). Supplementary notes III, 8p. (no.2, Suppl.)

Wightman, A. J. Larval habitats of Apatura iris, no.1, p.7-8; The variation of Senta maritima, Tausch, no.2, p.14-16.

Wiltshire, E. P. The summer flight, in cold climates, of vernal and autumnal Lepidoptera, no.1, p.4-7.

A matter of light, by an old moth-hunter, no.1, p.[1]-3.

Fiji. Department of agriculture. Agricultural journal (Suva), v.12, no.1, Mar. 1941.

Baxter, G. R. Preventive measures against mosquitoes. Part I, p.16-18. (To be continued.)

Lever, R. J. A. W. Entomological notes, p.19-22. [The spotted ladybird of potato [Epilachna vigintioctopunctata F.]; Gall insects of the kavika tree (Eugenia); Identifications of insects; The fig and cocoa moths (Ephestia) in Melanesia and Polynesia; A leaf-mining beetle - Promecotheca.] References at ends of articles.

Simmonds, H. W. A predatorial wasp of cockroaches [Ampulex compressus F.], p.26.

Forestry chronicle (Oshawa [etc.], Ont.), v.17, no.1, Mar. 1941.

DeGryse, J. J. A brief note on the so-called "mysterious" disease of the spruce sawfly [Gilpinia polytoma Htg.], p.[43]-44.

Frontiers (Philadelphia), v.5, no.4, Apr. 1941.

Pennell, F. W. The function of flowers, p.116-119, illus. [Flowers and insects.]

Fruit-grower, fruitier, florist & market gardener [London], v.91, no. 2360, Mar. 6, 1941.

Kearns, H. G. H., and Marsh, R. W. Plans for fruit spraying. Efficiency and waste avoidance, p.203-204.

Gesellschaft für vorratsschutz E. V. Mitteilungen (Berlin-Steglitz), v.17, no.1, Jan. 1941.

Kruel, W. Über verbreitung und lebensweise der gattung Anthrenus Fbr., p.9-11, illus. (Fortsetzung folgt.)

Schulze, K. Der kleine tabakkäfer (Lasioderma serricorne F.) an asthma-zigaretten, p.7-8.

Great Britain. Royal army medical corps. Journal (London), v.76, no.1, Jan. 1941.

Brooks, J. E. Bermuda volunteer rifle corps fly trap, p.49-50, illus.

Great Britain: Royal army veterinary corps: Journal (Aldershot, London, Portsmouth), v.12, no.2, Feb. 1941.
Taylor, E. L. A note on phenothiazine, p.66-68.

Hawaiian planters' record (Honolulu), v.45, no.1, 1941.

Swezey, O. H. Observations on insect pests in Samoa which are not yet known to occur in Hawaii, p.25-38, illus.

Hong Kong naturalist (Hong Kong), v.10, no.3-4, Feb. 1941.

Corbet, A. S. A list of the butterflies of Hong Kong. Part III concluded, p.148-165, illus.

Ling, S.-w. Notes on a Hong Kong embiid, p.180-185, illus. References, p.185; Notes on a Phronima from Hong Kong, p.190-193, illus. General references, p.193.

Potter, A. L. The Chinese moon-moth [Attacus selene], p.167-170, illus.; Notes on Hong Kong butterflies. Part IV, p.171-179, illus.

Hygeia (Chicago, Ill.), v.19, no.5, May 1941.

Sanford, L. L. Wood ticks and disease, p.375-421.

Indian journal of agricultural science (New Delhi), v.10, pt.6, Dec. 1940.

Husain, M. A., and Khan, A. W. Bionomics and control of the fig-tree borer, Batocera rufomaculata De Geer (Coleoptera: Lamiidae), p.945-959. References, p.958-959.

Husain, M. A., Ahmad, T., and Mathur, C. B. Studies on Schistocerca gregaria Forsk. X. Role of water in the bionomics of the desert locust, p.927-944. References, p.944.

Krishna Ayyar, P. N. Investigations on Spathius critolaus Nixon, an important braconid parasite of the cotton-stem weevil, Pemphères affinis Fst. of South India, p.879-900, illus. References, p.900.

Krishna Ayyar, P. N., and Margabandhu, V. The role of food and its constituents on the productivity and longevity of the cotton-stem weevil, Pemphères affinis Fst., p.901-910. References, p.910.

Verma, P. N., and Afzal, M. Studies on the cotton jassid (Empoasca devastans Distant) in the Punjab. I. Varietal susceptibility and development of the pest on different varieties of cotton, p.911-924. References, p.923-924. Statistical appendix by M. Afzal and D. N. Nanda, p.924-926.

Indian journal of medical research (Calcutta), v.28, no.2, Oct. 1940.

Roy, D. N., and Siddons, L. B. On continuous breeding of flies in the Laboratory, p.621-624, illus. References, p.624.

Smith, R. O. A., Halder, K. C., and Ahmed, I. Further investigations on the transmission of kala-azar. Part I. The maintenance of sandflies P. argentipes on nutriment other than blood, p.575-579. References, p.579; Part II. The phenomenon of the 'blocked' sandfly, p.581-584; Part III. The transmission of kala-azar by the bite of the sandfly P. argentipes, p.585-591. References, p.591.

Strickland, C., and Roy, D. N. Experimental intestinal myiasis, p.593-594.

Instituto de café do Estado de S. Paulo. São Paulo. Revista, no.167 (v.28, semestre 1), Jan. 1941.

Mendes, L. O. T. O sombreamento do cafeeiro e a "broca do café", p.4-7, illus.

International institute of agriculture. Rome. International bulletin of plant protection, v.15, no.2, Feb. 1941.

Tomasello, J. F. Argentine Republic. Experiments on the chemical control of the South American locust during the last few years, p.[21M]-22M.

International institute of agriculture. Rome. Monthly bulletin of agricultural science and practice, v.31, no.11, Nov. 1940.

Gasser, E., and Stampa, G. New aspects on the drying and disinfection of cereals, p.391T-403T, illus. (To be continued.)

Iowa state college journal of science (Ames), v.15, no.2, Jan. 1941.

Buren, W. F. A preliminary list of Iowa ants, p.111-117.

Journal of cellular and comparative physiology (Philadelphia, Penn.), v.17, no.2, Apr.21, 1941.

Gjullin, C. M., Hegarty, C. P., and Bollen, W. B. The necessity of a low oxygen concentration for the hatching of Aedes mosquito eggs, p.193-202. Literature cited, p.202.

Journal of experimental zoology (Philadelphia), v.86, no.3, Apr.5, 1941.

Caspari, E. The influence of low temperature on the pupation of *Ephestia kühniella* Zeller, p.321-331, illus. Literature cited, p.330-331.

Journal of genetics (London), v.41, nos. 2-3, Jan. 1941.

Callan, H. G. The sex-determining mechanism of the earwig, *Forficula auricularia*, p.[352]-374, illus. References, p.373-374.

Journal of heredity (Washington, D. C.), v.32, no.2, Feb. 1941.

Durand, E., Hollaender, A., and Houlahan, M. B. Ultraviolet absorption spectrum of the abdominal wall of *Drosophila melanogaster*, p.51-56, illus. Literature cited, p.56.

Journal of infectious diseases (Chicago), v.68, no.2, Mar.-Apr. 1941.

Huff, C. G. Comparisons of a clon of Plasmodium cathemerium with its parent strain and with two strains derived from the clon by mosquito transmission, p.[184]-187.

Journal of the Department of agriculture of South Australia (Adelaide), v.44, 1941; no.6, Jan.; no.7, Feb.

Andrewartha, H. G. Some laboratory tests with oil emulsions against wheat weevil, Calandra oryzae, no.6, p.307-308.

Macindoe, R. H. F. Mange - a contagious skin disease of pigs, no.6, p.304-306, illus. [Sarcoptes scabii suis.]

Swan, D. C. The control of ants, no.7, p.373-375.

Journal of the Department of agriculture of Victoria (Melbourne), v.39, pt.3, Mar. 1941.

Pescott, R. T. M. Insect pests of cabbages, cauliflowers and related plants, p.119-126, illus.

Pullar, E. M. Mange or scabies of pigs, p.99-104, 126, illus.

Journal of the Royal horticultural society (London), v.65, pt.9, Sept.

1940.

Fox-Wilson, G. The cabbage white butterfly, Pieris brassicae Linn., p.278-281, illus.

Kansas entomological society. Journal (Manhattan), v.14, no.2, Apr. 1941.

Bugbee, R. E. Host relations and geographic distribution of new species of the genus Eurytoma from Mexico, p.54-57. Literature cited, p.57.

Field, W. D. Additional notes on Calycopis cecrops (Fabricius) and Calycopis beon (Cramer) (Lepidoptera-Lycænidae), p.66-69.

James, M. T. The robber flies of Colorado (Diptera, Asilidae), p.37-53. Literature cited, p.53.

Setty, L. R. Description of the larva of Bittacus apicalis and a key to bittacid larvae (Mecoptera), p.64-65, illus.

Viets, D. A biological note on the Mantispidae (Neuroptera), p.70-71.

Lancet (London), v.240, 1941; no.6124, Jan.11; no.6130, Feb.22. (Also numbered: 1941, v.1, no.2, no.8.)

Busvine, J. R. Control of the bed bug, no.6124, p.55-56. References, p.56.

Manson-Bahr, P. The prevalent diseases of Libya, no.6130, p.253-255, illus. References, p.255.

Leningrad. Vysshii kurs prikladnoi zoologii i fitopatologii. Izvestiia, 1939; no.7, no.9.

Gerasimov, A. M. Diagnostika cheshuekr'il'ikh, imeiushchikh khoziastvennoe znachenie, no.7, p.15-33, illus. Text in Russian. Transliterated title; Guseinis'i (obshchaja kharakteristika i opredelitel'n'ie tablits'i semeistv), no.9, p.31-[67], illus. Literatura, p.66-67. [Lepidopterous larvae.] Text in Russian. Transliterated title.

Kozhanchikov, I. V. Osobennosti razvitiia kukolok kapustnoi mukhi (Hylemia brassicae Bch.) v razn'ikh usloviiakh Sred'i, no.7, p.5-[14], illus. Literatura, p.13-[14]. Text in Russian. Transliterated title; Rol'termicheskogo faktora v razvitii rasprostranenii ovoshchn'ikh listoedov Phaedon cochleariae F. i Gastroidea viridula Deg., no.9, p.5-[30], illus. Literatura, p.28-30. Text in Russian. Transliterated title.

Zorina, L. M. Nekotor'ie dann'ie po biologii v'ifunkovoi i povilikovoi bloshek, no.7, p.34-43, illus. Text in Russian. Transliterated title.

Linnean society of New South Wales. Sydney. Proceedings, v.65, pts.3-4 (nos.289-290), Sept.16, 1940.

Carter, H. J. Tabulation of the genera Austrolimnius and Notriolus [Dryopidae] and description of a new species of Nyctozoilus [Tenebrionidae], p.219-200.

Cumpston, D. M. On the external morphology and biology of Heteronychus sanctae-helenae Blanch, and Metanastes vulgivagus Olliff (Col., Scarabaeidae, Dynastinae), p.289-300, illus. Bibliography, p.299-300.

Linnean society of New South Wales. Sydney. (continued)

Greenwood, W. The food-plants of some Fijian insects. IV, p.211-218.

Gunther, C. E. M. Further observations on the trombidiid larvae of New Guinea (Acarina, Trombidiidae), p.250-258. References, p.258;

A listrophorid parasite [*Labidocarpus buloloensis*, n.sp.] of the wallaby, from New Guinea, p.353-354, illus.

Petch, T. An Empusa [Empusa acaricida Petch, n. sp.] on a mite [*Halotydeus destructor*], p.259-260.

Medical officer (London), new ser. v.65, no.5 (no.1697), Feb.1, 1941.

Mellanby, K. The incidence of head lice [*Pediculus humanus capititis*] in England, p.39-43, illus. References, p.43.

Medical parasitology and parasitic diseases (Moscow), v.9, no.6, 1940.

Bojenko, W. P. On the possibility of cattle and fowl poisoning after delarvation with suspension of Paris green, p.640-642. Text in Russian.

Gromov, A. S. On a little known properties (!) of Gambusia, p.645. Text in Russian.

Levit, A. B., Langerman, V. N., and Zavoiskaia, W. K. Anopheles maculipennis and A. m. messaeae as malaria carriers in the Syzran district, p.[615]-617. Text in Russian.

Markovich, N. J. On the malaria control by killing adult mosquitoes, p.[604]-608. Text in Russian.

Pogolski, W. G. Mud with naphtha as larvicide, p.644. Text in Russian.

Pospelova-Strom, M. W. Ornithodoros tartakowskii Ol. 1931, as vector of tick spirochaetosis, p.[618]-622. Literatura, p.621. Text in Russian. English summary, p.621-622.

Prendel, A. R. The comparative value of some methods of killing adult mosquitoes, p.[637]-638. Text in Russian.

Sergejeva, Z. D. The peat bogs of USSR and malaria, p.642-643. Text in Russian.

Shlenova, M. T. Some deductions from the Anopheles control experiment in the peat region of Ozeretzkoe, p.[609]-614, illus.

Yagujinskaia, L. W. The peritrophic membrane of the adult female of Anopheles, p.[601]-603, illus. Text in Russian. Brief French summary, p.603.

Mexico (City). Universidad nacional. Instituto de biología. Anales, v.11, no.2, June, 1940.

Hoffmann, C. C. Catalogo sistematico y zoogeografico de los lepidopteros mexicanos. Primera parte. Papilionoidea, p.[639]-739, illus.

Pelaez, D. Estudios sobre membracidos. I. Los estadios ninfales de Umbonia crassicornis (Am. et Serv.) (Hemipt. Homopt.), p.[611]-632, illus. Bibliografia, p.630-632.

Nota acerca de los mosquitos del lago de Patzcuaro, p.[465]-467, illus.

Microentomology (Stanford Univ.), v.6, pt.1 (Contribution no.23-26), Mar.28, 1941.

Ferris, G. F. Contributions to the knowledge of the Coccoidea (Homoptera). X. Illustrations of eleven genotypes of the Diaspididae, p.11-24, illus. [Contribution no.25.]

Münchener entomologische gesellschaft. Mitteilungen (Munich), v.31, no.1, Jan.15, 1941.

Bollow, H. Monographie der palaearktischen Dryopidae mit berücksichtigung der eventuell transgredierenden arten. (Col.), p.1-88, illus.

Gebien, H. Katalog der Tenebrioniden, p.331-362. (p.626-657 of the "Katalog.")

Hering, E. M. Pterocallidae brasilienses (Dipt.), p.197-201, illus.

Koch, C. Phylogenetische, biogeographische und systematische studien über ungeflügelte tenebrioniden (Col. Tenebr.) III, p.252-314, illus.

Székessy, V. Die zur gattung Haemonia Latr. gestellten arten aus Amerika (Coleopt., Chrysomelidae), p.148-154, illus.

Musée Heude. Shanghai. Notes d'entomologie Chinoise, v.7, 1940; no.10, Oct.15; no.11, Nov.15.

Takeuchi, K. Chinese sawflies and woodwasps in the collection of the Musée Heude in Shanghai (Second report), no.11, p.[463]-486.

Wang, C. -n. Index bibliographique sur l'entomologie chinoise. Publications varues en 1935, 24^e année de la République Chinoise), no.10, p.205-461. (257p.)

Naturaliste canadien (Quebec), v.68 (ser.3, v.12), 1940; no.1, Jan.; no.3, Mar.

Beaulne, J. I. Contribution à l'étude des coléoptères du Canada, no.1, p.[10]-21. [References], p.12-13.

Daviault, L. La chrysomèle du saule Calligrapha multipunctata var. bigsbyana Kby., no.3, p.[57]-81, illus. (A suivre.)

Nature (London), v.147, no.3725, Mar.22, 1941.

Carpenter, G. D. H. An interesting sidelight on the causes of coloration in butterflies, p.356.

Nederlandsche entomologische vereeniging. The Hague. Entomologische berichten, v.10, no.23, July 1, 1940; no.235, Sept. 1, 1940; no.236/237, Nov.1, 1940/Jan. 1941.

Barendrecht, G. Eenige opmerkingen over praepareeren, no.234, p.252-254.

Lempke, B. J. De immigratie van *Pontia daplidice* L. in 1939, no.236, p.263-265.

Mac Gillavry, D. Naar aanleiding van mijn zand-nest van *Odynerus oviventris* Wesm., no.236/237, p.287-290.

Meijere, J. C. H. de. Over de levenswijze van *Notiphila brunnipes* Rob. Desv., no.236/237, p.281-285; Pupariën van *Loxocera* in stengels van *Juncus* no.236/237, p.286-287, illus.

New York entomological society. Journal (Lancaster, Penn.), v.49, no.1, Mar.1941.

Abbott, C. E. Concerning the musculature of the male genitalia in *Panorpa nuptialis* Gerst., p.43-46, illus.

Forbes, W. T. M. The position of *Utetheisa galapagensis* (Lepidoptera, Arctiidae), p.101-110, illus.

Hatch, M. H. A second supplement to the indices to the keys to and local lists of nearctic Coleoptera, p.21-42.

New York entomological society. Journal (Lancaster, Penn.) (continued)
Ludwig, D., and Fox, H. Further studies of conditions influencing the survival of Japanese beetles through metamorphosis, p.65-75.
Literature cited, p.75.
Mickey, G. H., Carpenter, J., Cumley, R. W., and Burdette, W. Experiments on culture media in regard to oviposition and mass production of *Drosophila melanogaster*, p.77-84. Bibliography, p.84.
Weiss, H. B., Soraci, F. A., and McCoy, E. E. Notes on the reactions of certain insects to different wave-lengths of light, p.[1]-20, illus. References, p.20.

New Zealand journal of agriculture (Wellington), v.62, no.2, Feb.15, 1941.
Dipping precautions to prevent mortalities, p.105-106, illus.

New Zealand journal of science and technology (Wellington), v.22, no.2A, Aug. 1940.

Dumbleton, L. J. Oncodes brunneus Hutton: a dipterous spider parasite, p.97A-102A, illus. References, p.102A; Australian parasites of Eriococcus coriaceus Maskell, p.102A-108A, illus. References, p.108A.
Gourlay, E. S. Fuller's rose weevil, Asynonychus (Pantomerus) godmani Crotch, in New Zealand, p.84A-85A, illus. References, p.85A.

Notulae entomologicae (Helsingfors, Finland), v.20, no.2/4, 1940. (Pub. Jan.28, 1941.)

Hellen, W. Zur ichneumonidenfauna Finnlands (Hym.) II, p.42-53.
Lindberg, H. Eine heteropterenausbeute aus Griechenland, p.53-56.
Lindqvist, E. Zur kenntnis einiger Amauronematusarten (Hym. Tenth.), p.56-71. Literaturverzeichnis, p.71.
Nordman, A. Fynd av Cossus terebra F. i Finland, ävensom ett bidrag till artens biologi och levnadsvanor, p.36-41, illus. Litteratur, p.40-41. Text in Finnish. English summary, p.41.

Ohio journal of science (Columbus), v.41, no.2, Mar. 1941.

Albright, J. G., and Klein, G. E. The sensitivity of anemometer cups, p.70-78, illus. Bibliography, p.78.

Pan American sanitary bureau. Boletin (Washington, D. C.), v.20, no.4, Apr. 1941.

Holl, A. A., and O'Leary, S. B. Plague in the Americas: an historical and quasi-epidemiological survey (continued), p.365-374.

Pan-Pacific entomologist (San Francisco), v.17, no.1, Jan.1941.

Michener, C. D. Notes on the subgenera of *Netopius* with a synopsis of the species of central and southern China. (Hymenoptera, Ichneumonidae), p.[1]-13, illus.

Smith, F. A list of the ants of Washington state. (Hymenoptera, Formicidae), p.23-28.

Stahler, N. The life history of *Phloeoethrips (Hoplandrothrips) sycamorensis* (Mason). (Thysanoptera, Phloeoethripidae), p.31-33.

Parasitology (London), v.32, no.4, Nov. 1940.

Jobling, B. Description of the young female and of the male of Ascodipteron africanum Jobling (Diptera, Streblidae), p.399-404, illus.

Parasitology (London) (continued)

Tate, P. On Mycetosporidium jacksonae n. sp. parasitic in species of Sitona weevils, p.462-469, illus.

Webb, J. L. The occurrence of Rickettsia-like bodies in the reduviid bug Triatoma rubrofasciata and their transmission to laboratory animals, p.[355]-360, illus. References, p.360.

Pests (Kansas City, Mo.), v.9, no.4, Apr. 1941.

Campbell, F. L. Methods of testing insecticides against bedbugs and cockroaches, p.12-13, 31.

Eckert, J. E. Ants and their control, p.8-10, illus.

Philippine journal of science (Manila), v.73, no.3, Nov. 1940.

Zimmerman, E. C. A new Philippine cucurbit-boring barid (Coleoptera, Curculionidae), p.313-319, illus. [Manilabaris cucurbitae sp. n. - serious pest of Luffa sp., Momordica charantia Linn., and Lagenaria siceraria (Mol.) Standley.]

Physiological zoology (Chicago, Ill.), v.14, no.2, Apr. 1941.

Evans, T. C. Sequence of roentgen ray effects on the development of the grasshopper egg. I. Effects on subsequent development of irradiating 1-day eggs, p.163-173, illus. Literature cited, p.172-173.

Priroda (Moscow), 1940, no.12.

Ladyzenskaja, L. A. On the introduction of the ailanth silk-worm from China into Europe, p.44-49, illus. Literatura, p.49. Text in Russian.

Progrès agricole et viticole (Lyon), v.123 (Année 62), no.10, Mar. 9, 1941.

Favard, P. G. Bruches, charançons et vrillettes, parasites de nos réserves alimentaires, p.170-174. (À suivre.)

Psyche, v.47, no.4, Dec. 1940; v.48, no.1, Mar. 1941.

Bequaert, J. C., and Carpenter, F. M. The antiquity of social insects, v.48, no.1, p.50-55.

Brues, C. T. Characteristics of the larviform female of the lampyrid beetle, Lamprophorus, v.48, no.1, p.41-44, illus.

Crampton, G. C. The mating habits of the winter mecoptéron, Boreus brumalis Fitch, v.47, no.4, p.125-128, illus.

Gaul, A. T. Experiments in housing vespine colonies, with notes on the homing and toleration instincts of certain species, v.48, no.1, p.16-19. Literature cited, p.19.

Hagen, H. R. The general morphology of the female reproductive system of a viviparous roach, Diptoptera dytiscoides (Serville), v.48, no.1, p.[1]-9, illus. References, p.9.

Holdsworth, R. P., Jr., The histology of the wing pads of the early instars of Pteronarcys proteus Newport (Plecoptera), v.41, no.4, p.112-120, illus. Bibliography, p.118.

Michener, C. D. A synopsis of the genus Acerataspis (Hymenoptera, Ichneumonidae), v.47, no.4, p.121-124, illus.

Wesson, L. G., Jr. An experimental study on caste determination in ants, v.47, no.4, p.[105]-111, illus. Literature cited, p.111.

Queensland agricultural journal (Brisbane), v.55, pt.3, Mar. 1, 1941.
Atherton, D. O. Codling moth control, p.183-188, illus.
Roberts, F. H. S. The scrub tick (*Ixodes holocyclus*), p.189-192,
illus.

Redia (Firenze), v.26, 1940.

Breuning, S. Cerambyciden (Lamiinae) aus Somaliland, p.[213]-219.
Caporiacco, L. di. Il valore delle variazioni di colorazione negli
aracnidi, p.[221]-237.
Korschefsky, R. Über Coccinellidae von Erythrea, p.[71]-72.
Melis, A. Contributo alla conoscenza del bombice del pino (Dendrolimus
pini L.), p.[73]-175, illus. Cenni bibliografici, p.168-171.
Obenberger, J. Sur les buprestides trouvés en 1901-03 en Erythrée
par M. le Dr. A. Andreini, p.[1]-25.
Servadei, A. Contributi alla conoscenza dell'entomofauna delle
leguminose foraggere. I. Apion apricans Herbst. (Col. Curculionidae),
p. [177]-212, illus. Bibliographical footnotes.
Venturi, F. Contributi alla conoscenza dell'entomofauna delle graminacee.
VI, p.[27]-70, illus. Bibliographical footnotes.

Revista de agricultura; publicação bi-mensal de ensinamento theórico e
prático (Piracicaba, S. Paulo), v.15, no.11/12, Nov./Dec. 1940.

Viegas, A. P. Môfo dos afídeos e aleirodídeos, p.[475]-485, illus.
Literatura citada, p.485.

Revista nacional de agricultura (Bogota), v.36, no.440, Feb. 1941.

Otaya, A., F. J. La mosca de las frutas y métodos para combatirla,
p.17-19, illus.

Revista stiintelor veterinare (Bucaresti), v.22, no.2, Feb. 1941.

Begnescu, F. Din fauna stupilor in Romania, Trogium pulsatorium si
Chelifer cancroides, p.32-34, illus.
Popovici, V. Boalele parazitare ale vulpilor argintii, p.36-38,
illus.

Revue horticole, apicole, avicole, tunisienne (Tunis), v.38, no.378,
Jan.15, 1941.

Delanoue, P. Deux parasites très nuisibles à la violette. La
noctuelle [Brotolomia meticulosa] et la cécydomye [Perrisia affinis],
p.3-4; Les méthodes de lutte contre les insectes des arbres fruitiers,
p.7. (Suite).

Rhodesia agricultural journal (Salisbury), v.38, no.12, Dec. 1940.

Hopkins, J. C. F. Field spraying of tobacco. Reports from demonstra-
tion plots, p.702-705.

Rivista di frutticoltura (Ravenna), v.4, no.4, Oct. 1940.

Dotti, F. Necessità dei mezzi sussidiari nella lotta contro la
Cydia pomonella, p.[181]-185.

Royal sanitary institute. London. Journal, v.61, no.3, Jan. 1941.

Thomas, R. H. A brief survey of the malaria problem in Livingstone
and the Victoria Falls, Northern Rhodesia, and the measures taken to
combat it, p.82-93, illus.

Royal society of South Australia. Adelaide. Transactions. v.64, pt.1, July 26, 1940.

Andrewartha, H. G. The environment of the Australian plague locust (*Chortoicetes terminifera* Walk.) in South Australia, p.76-94, illus. References, p.94.

Compere, H. A new species of *Metaphycus* (Hymenoptera, Encyrtidae) from Australia parasitic in *Eriococcus coriaceus* Maskell, p.46-47.

Evans, J. W. Tube-building cercopids (Homoptera, Machaerotidae), p.70-75, illus. References, p.75.

Turner, A. J. A revision of the Australian Gracilaridae (Lepidoptera), p.50-69.

Sapporo natural history society. Sapporo, Japan. Transactions, v.16, pt.4, Jan. 1941.

Takakuwa, Y. Die Fusiulus arten (Diplopoda), p.[218]-226, illus.

Uchida, T. Die Kriechbaumerschen typen der japanischen ichneumoniden, p.[227]-230.

Scientific agriculture (Ottawa), v.21, no.5, Jan. 1941.

Jamieson, C. A. A dipterous parasite (*Myopa* sp.) of the honeybee, p.244.

Smith, S. G. A new form of spruce sawfly identified by means of its cytology and parthenogenesis, p.245-305. References, p.303-305. [A form of *Diprion polytomum* Htg.]

Sitios e fazendas (São Paulo), v.6, no.3, Mar. 1941.

Brandão, J. S., filho. Doenças e pragas do amendoim, p.25-27, illus.

Sociedad mexicana de historia natural. Mexico, D. F. Revista, v.1, no. 4, Dec. 1, 1940.

Beltrán, E. Maynard M. Metcalf, su obra científica y el conocimiento de los protociliados, p.265-278, illus. Bibliografia del Dr. M. M. Metcalf, p.273-278.

Giral, F. Pigmentos fluorescentes de insectos y bacterias, p.243-254, illus. Bibliografia, p.254.

Sociedade rural brasileira. Revista (São Paulo), v.21, no.247, Mar. 1941. O. M. Pragas do tomateiro, p.20-22, illus.

Société de biologie. Paris. Comptes rendus, v.134, no.6, 1940.

Hollande, A. C. Solénosomes et chondriome de la cellule intestinale du criquet Egyptien (*Orthacanthacris aegyptia* L.) Processus d'assimilation et coloration vitale, p.242-245, illus.

Société de pathologie exotique. Paris. Bulletin, v.33, no.5, 1940.

Nicolay, - Note sur l'Anopheles pharoensis Theo. à Boma (Congo Belge), p. 324-328.

Roubaud, E. Le vêtement dans les régions chaudes et la défense contre les affections transmises par les insectes suceurs de sang, p.328-331.

Schwetz, J. Une invasion de moustiques provoquée par une éruption volcanique, p.331-332.

Société entomologique de France. Paris. Annales, v.108, no.3/4, 1939. (Pub. 1940.)

Beaumont, J. de. Les Crocisa de la faune française (Hym. Apidae), p.161-171, illus.

Société entomologique de France. Paris. Annales. (continued)
Berland, L., and Millot, J. Les araignées de l'Afrique Occidentale
Française. II. Cribellates, p.149-160, illus.
Fleutiaux, E. Les élatérides de l'Indochine Française. Septième partie.
XVII. Subfam. Agriotinae, p.[121]-148.

Société entomologique de France. Paris. Bulletin, v.45, no.7, July 24,
1940.
Tempere, G. Observations sur les plantes nourricières et la distribu-
tion géographique de quelques Curculionidae (Col.) français, p.[73]-
78. (Seconde note.)

Société Linnéenne de Lyon. Bulletin mensuel, v.10, no.2, Feb. 1941.
Korsakoff, M. N. Notes sur deux rares mantides du désert: Hypsicorypha
gracilis Bur. et Oxythespis senegalensis Saus., p.25-30, illus.

Société zoologique de France. Paris. Bulletin, v.65, no.2, June 9, 1940.
Chopard, L. Un remarquable dermaptére cavernicole de l'Afrique Occidentale
Diplatys milloti, n.sp., p.75-79, illus. Bibliographical footnotes.

Southern California academy of sciences. Los Angeles. Bulletin, v.39,
pt.3, Sept.-Dec. 1940.
Comstock, J. A., and Dammers, C. M. Notes on the life history of
Sparganothis larreana Comst., p.199-200, illus.
Comstock, J. A., and Henne, C. A comparison of the larva of Arachnis
picta insularis and Arachnis picta maia, p.189-190; Notes on the early
stages of Xanthothrix ranunculi, p.198-199, illus.
Pierce, W. D. Studies of the sweet potato weevils of the subfamily
Cyladinae, p.205-228, illus.

Suomen hyönteistieteellinen aikakauskirja (Helsinki) (Annales entomologici
fennici), v.6, 1940; no.3, Nov. 15; no.3, Lisävihko appendix, Nov. 15;
no.4, Dec. 31.
Hukkinen, Y., and Syrjänen, V. Beiträge zur kenntnis der Thysanopteren
Finnlands. 7, no.4, p.115-128. (p.122-128. Einige notizen über die
biologie und schädlichkeit der arten Frankliniella intosa Tryb.,
Thrips angusticeps Uz., und Taeniothrips atratus Hal.).
Kanervo, V. Beobachtungen und versuche zur ermittlung der nahrung
einiger Coccinelliden (Col.). no.4, p.[89]-110. Literatur, p.110.
Kangas, E., and Lovászy, P. Zur biologie und forstlichen bedeutung
von Callimome azureum Boh. (Hym. Chalcididae), no.4, p.140-154,
illus. Literatur, p.154; Zur biologie von Trypophloeus alni
Lindem, (Col., Scolytidae), no.3, p.[41]-50, illus. Literatur,
p.50; Über die larve und die lebensweise von Nothorrhina muricata
Dalm. (Col., Cerambycidae), no.3, p.71-77, illus.
Lovászy, P. Ruskean mäntypistäisen (Diprion sertifer Geoffr.) loisista,
no.3, p.62-66, illus. Text in Finnish. German summary, p.66.
Lumiala, O. V. Beiträge zur kenntnis der verbreitung einiger arten der
familien Anthribidae und Curculionidae (Col.) in Finnland, nebst
einigen biologisch-ökologischen beobachtungen, no.4, p.157-160.
Palmén, E. Zur biologie und nordeuropäischen verbreitung von Hylobius
transversovittatus Steph., (Col., Curculionidae), no.4, p.129-140,
illus. Literatur, p.139-140.

Suomen hyönteistieteellinen aikakauskirja (Helsinki). (continued)

Saalas, U. Bambujaärän, *Chlotophorus annularis* F. (Col., Cerambycidae), toukkia Helsingissä suksisauvoja turmelemassa, no.4, illus., p.112-115. Text in Finnish. English summary, p.115. [Damage to bamboo ski-staffs.]

Sivonen, L. Zum auftreten der ameisen (Hym., Formicidae) auf verschiedenen waldböden, no. 3, p.50-62, illus. Literatur, p.61-62.

Suomalainen, E. Über den täglichen zeitpunkt des ausschlüpfens der imagines bei zwei schmetterlingsarten, no.4, p.110-112, illus.

Vappula, N. A. Finnish entomological literature published in 1939 including economic entomology and control of insect pests. 16p. [no.3, Lisävihko appendix.]

Sweden. Statens växtskyddsanstalt. Växtskyddsnotiser (Stockholm), 1940; no.2, May 25; no.3, July 5; no.4, Aug.25; no.5, Oct.10; no.6, Dec.1.

Ahlberg, O. Bekämpningsmetoder, som ej böra glömmas, no.2, p.[17]-21, illus.; Några aktuella skadedjur, no.3, p.38-41; En ny fångstkärra avsedd för stritfängst, no.3, p.43-45, illus.

Andrén, F. Preliminära resultat från 1940 års betningsförsök, no.6, p.83-88.

Ekstrand, H. Skadorna på höstsäden under vintern 1939-40, no.3, p.[33]-38.

Johansson, E. Aktuella skadedjur på sädesslagen och vallgräsen, no.5, p.70-74, illus.

Lihnell, D. Sjukdomar och insektsangrepp i årets sojaodlingar, no.6, p.90-92, illus.

Lindblom, A. Förberedande bekämpningsförsök mot kåflugan, no.6, p.[81]-83.

Lindfors, T. Tvångsåtgärder mot blodlusen?, no.2, p.21-24; Frostens skadegörelse i trädgårdar och parker vintern 1939-40, no.5, p.[65]-68.

Nathlein, R. Några viktiga skadedjur i våra spannmålsLAGER, no.4, p.59-63, illus.; Kyllagring som bekämpningsmedel mot förrådsskadedjur, no.5, p.76-78.

Notini, G. Nya försök med biologisk bekämpning av skadeinsekter, no.4, p.[49]-53, illus.

Tasmanian journal of agriculture (Hobart), v.11, 1940; no.2, May 1; no.4, Nov. 1.

Evans, J. W. Garden millipedes, no.2, p.96-98, illus.; The cabbage butterfly [Pieris rapae L.], no.4, p.202-204, illus.

Tijdschrift voor entomologie (Amsterdam), v.83, 1940; no.1-2, May; no.3-4, Dec.

Bels, P. J. Over pupipara, parasieten van vleermuizen II, Verslag, no.1-2, p.XXXIII-XXXVI. Gebruikte literatuur, p.XXXV-XXXVI.

Geijskes, D. C. Verzeichnis der in den Niederlanden vorkommenden Plecoptera, mit einigen geschichtlichen, ökologischen und systematischen bemerkungen, no.1-2, p.3-16. Literatur, p.14-16.

Lempke, B. J. Catalogus der nederlandsche Macrolepidoptera. V. Agrotidae (vervolg), no.3-4, p.[193]-245.

Lucassen, F. T. V. Monographie du genre Megaphonia Schürhoff (Scarabaeidae: Cetoniinae), no.1-2, p.[94]-102, illus.

Tijdschrift voor entomologie (Amsterdam). (continued)

Meijere, J. C. H. de Über die larven der in orchideen minierenden Dipteren, no.1-2, p.[122]-127, illus. Literatur, p.127; Die larven der agromyzinen. Fünfter nachtrag. Agromyzinen u.s.w. von Kamerun, no.3-4, p.[160]-188, illus.

Oudemans, T. C. Schade, veroorzaakt door Dendroctonus micans en Megastigmus spermotrophus, Verslag, no.1-2, p.XXXI-XXXII.

Reclaire, A. 3^e vervolg op de naamlijst der in Nederland en het omliggend gebied waargenomen wantsen (Hemiptera-Heteroptera), no. 1-2, pl[103]-119. Literatuur, p.115-119.

Schoevers, T. A. C. Eenige mededeelingen over door insecten veroorzaakte schade in 1939, Verslag, no.1-2, p.VII-XIII.

Voss, E. Über russelkäfer der Indomalayischen subregion; vorwiegend von Java (Col. Curc.). Teil 1. (82 Beitrag zur kennnis der Curculioniden), no.1-2, p.[17]-93, illus.

Tropical agriculture (St. Augustine, Trinidad), v.18, no.3, Mar. 1941.

Adamson, A. M. The geographical distribution of insect pests, p.43-47. References, p.47.

De Tropische natuur. (Batavia [Weltevreden], Java), v.30, no.1, Jan. 11, 1941.

Meer Mohr, J. C. van der. Korte zoölogische aanteekeningen (VI), p.[1]-4, illus.

Pijl, L. van der. Houtbij-bloemen bij Costus, Bauhinia, Centrosema en Thunbergia, p.5-14, illus. [Bee pollination.]

Veterinarski arhiv (Zagreb), v.11, no.3, Feb.17, 1941.

Baranov, N. Dopuna k članku "Dubriska kao legla muha u selu metajni," p.[139]-148, illus. [Houseflies.] Text in Slavic. German summary, p.146-148.

Washington. Entomological society. Proceedings, v.43, no.3, Mar. 1941.

Bates, M. Field studies of the anopheline mosquitoes of Albania, p.[37]-58, illus. References, p.57-58.

Washington academy of sciences. Journal (Menasha, Wis.), v.31, no.4, Apr.15, 1941.

Blackwelder, R. E. The gender of scientific names in zoology, p.135-140.

Eaton, T. H. Adaptive coloration in a single faunal association, p.129-135. Literature cited, p.135.

Worcestershire County council. Department of agricultural education. Agricultural quarterly chronicle (Worcester, Eng.), v.9, no.2, Feb. 1941.

Kearns, H. G. H., and Marsh, R. W. Spring and summer spraying of fruit, p.69-71

Ogilvie, L., and Walton, C. L. Diseases and pests of onions and leeks, p.57, 59, 61, 63, 65.

Wallace, T. The establishment of a field laboratory at Evesham for the investigation of plant diseases and pests, p.65, 67, 69.

Walton, C. L., and Bennett, S. H. "Wireworms," p.81-83.

Zeitschrift für parasitenkunde (Berlin), v.11, no.5, Aug.30, 1940.
Hase, A. Parasitologische betrachtungen über Pupiparen (Dipt.), insbesondere über Crataerina, p.[637]-651, illus. Literaturverzeichnis, p.650-651.

Zumpt, F. Zur kenntnis der ausserafrikanischen Rhipicephalusarten. II. Vorstudie zu einer revision der gattung Rhipicephalus Koch, p.[669]-678, illus. Literatur, p.678.

Zoologischer anzeiger (Leipzig), v.130, 1940; no.5-6, May 15; no.7-8, June 1; no.9-10, June 15; v.132, no.3-4, Nov. 1, 1940.
Áczel, M. Neue beiträge zur systematik und ökologie der paläarktischen Trypetiden. Bohrfliegen-studien. II, v.130, no.9-10, p.234-242. Literatur, p.242.

Eyndhoven, G. L. van. Ein neuer fledermausparasit, Labidocarpus belsorum nov. spec. (Acar.), v.130, no.9-10, p.230-234, illus. Literatur, p.234.

Heikertinger, F. Was jeder zoologe von den nomenklaturfragen wissen soll. Eine kurgefassste einführung in eine vernachlässigte disziplin, v.130, no.5-6, p.139-155. Literatur, p.155.

Jírovec, O. Zur kenntnis der in Chironomidenlarven parasitierenden Microsporidien, v.130, no.5-6, p.123-127, illus. Literatur, p.126-127.

Kaluza, G. Beiträge zur kenntnis der biologie und anatomie der fichtenquirkschildlaus Physokermes piceae = Lecanium hemicryphum mit besonderer, berücksichtigung der bildung des honigtaues, v.132, no.3-4, p.73-84, illus. Literatur, p.84.

Mayer, K. Beitrag zur morphologie der Piesmiden (Hemipt. Heteropt.), v.130, no.9-10, p.251-253, illus. Literatur, p.253.

Miller, F., and Kratochvíl, J. Ein beitrag zur revision der mitteleuropäischen spinnenarten aus der gattung Porrhomma E. Sim, v.130, no.7-8, p.[161]-190, illus. Literatur, p.189-190.

Zoologische jahrbücher (Jena). Abt. für allgemeine zoologie und physiologie der tiere, v.60, no.2, Dec.12, 1940.
Eder, R. Die kutikuläre transpiration der insekten und ihre abhängigkeit vom aufbau des integumentes, p.[203]-240, illus. Literaturverzeichnis, p.238-240.

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This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.

BOOKS

American Society for Horticultural Science.

Proceedings. Volume 38. xxii, 754p. illus. Geneva, New York, Published by the Society, 1941. Partial contents.- Childers, N. F., Marshall, G. E., and Brody, H. W. The effect of leafhopper injury on the rates of apparent photosynthesis and transpiration of Stayman Winesap apple leaves, p.165; Knott, J. E., and Claypool, L. L. Some responses of tomato fruits to methyl-bromide fumigation, p.501-506, illus. Literature cited, p.506; Poole, C. F. Corn earworm [Heliothis armigera Hbn.] resistance and plant characters, p.605-609. Literature cited, p.609.

Anagnostopoulos, P. T.

Oi echthroi tōi dendrōn, asthenciai, entoma, k.t.l. kai ta mesa amyneis enantion ayton. (The enemies of fruit trees.) 480p. illus. Athens, 1936-38.

Australia. Council for Scientific and Industrial Research.

Fourteenth annual report ... for year 1939-40. 102p. Canberra, L. F. Johnston, Commonwealth Government printer, 1940. Partial contents.- Entomological investigations, p.16-24.

Besoeki, Java. Proefstation.

Mededeelingen no.66. 53p. [Batavia], 1940. Partial contents.-
Schweizer, H. Jaarverslag tabak over juli 1939 T/M juni 1940, p.1-30.
Dierlijke plagen, p.25-27; Veen, R. van der. Enkele proeven met
Lasioderma serricorne Fabr. in verband met de wijze van opslaan van
tabak, p.[31]-42, illus.

Blagovestshenskij, D. I.

Mallophages des animaux domestiques. viii, 88p. illus. Moscou,
Leningrad, Edition de l'Académie des sciences de l'URSS, 1940.
Literature, p.30-34. Text in Russian. (Faune de l'URSS...)
At head of title: Institut zoologique de l'Académie des sciences de
l'URSS. Nouvelle série no.27

Bronn, H. G.

Dr. H. G. Bronn's klassen und ordnungen des tierreichs. Bd.5, abt.4,
buch 5, lfg.1. Leipzig, Akademische verlagsgesellschaft m.b.H.,
1940. Contents.- Vitzthum, H. G. Acarina. p.1-160, illus.

Brunning, L. H.

The Australian gardener. 25th ed. A complete and practical guide
dealing with the growing of fruit, flowers and vegetables. 573p.
illus. Melbourne, Robertson & Mullens Ltd., [1940]. Partial
contents.- Insect pests and diseases of the vegetable garden, p.146-
155; Insect pests and diseases of the home orchard, p.539-544.

Canada. Agricultural Supplies Board.

War-time production series. Special pamphlet no.46-47. Ottawa,
Published by authority of Hon. J. G. Gardiner, Minister of agriculture,
1941. Contents.- no.46. Gray, H. E. Control of grain mites.
3p.; no.47. Gray, H. E. Control of common warehouse insect pests.
7p.

Entomologisches Jahrbuch, 47. Jahrgang (1938/39). 160p. illus. Frank-
furt a. M., Verlag Otto Wrede, 1940. Partial contents.- Kotzsch, H.
Das präparieren der schmetterlinge, p.5-15; Gönnner, P. Ein beitrag
zur tagfalterfauna des Kleinen Walstertales, p.20-33; Spacek, K. Dr.
W. Trautmann als goldwespenforscher, p.34-48. Verzeichnis der wissen-
schaftlichen publikationen des Dr. W. Trautmann, p.38-48; Warnecke, G.
Der taubenschwanz (Macroglossa stellatarum L., Lepid. Sphing.) als
wanderfalter in Mitteleuropa, p.50-57; Weidner, H. Unsere ein-
heimischen raupen mit "gifthaaren" und ihre bedeutung für die vogel-
welt, p.58-73. Schrifttum, p.72-73; Roubal, J. Coleopteren um die
Tetramorium caespitum L.-kolonien, p.76-78; Jordan, K. H. C. Die
deutschen Notonecta-arten, ihre verbreitung und lebensweise, p.121-
129. Literatur, p.128-129; Mitterberger, K. Die nahrungspflanzen
der heimischen blattsacktragenden coleophoriden, p.130-139; Ruediger,
E. Insekten als krankheitsüberträger, p.149-160. Schrifttum, p.160.

Essex County Mosquito Extermination Commission.

Report ... for 1940. 15p. Newark, N. J., Office, Hall of records,
[1941].

Fisher, R. C.

Beetles injurious to timber and furniture. 36p. illus. London, His Majesty's stationery office, 1940. Bibliography, p.35-36. (Gt. Brit. Dept. sci. and indus. res. Bul. no.19.)

Goetze, G.

Die beste biene. Züchtungs- und rassen-kunde der honigbiene nach dem heutigen stand von wissenschaft und praxis. 200p. illus. Leipzig, Verlag Liedloff, Loth & Michaelis, 1940. Literaturverzeichnisse, p.186-197.

Great Britain. Ministry of Agriculture and Fisheries.

Specifications and methods of analysis for tar oil winter washes. 22p. London, His Majesty's stationery office, 1941. (Bul. no.122.)

Heidenreich, E.

Der hausbockkäfer. Erkennung und bekämpfung unter berücksichtigung anderer tierischer holzschädlinge. 43p. illus. Berlin-Leipzig, Rudolf Müller, Eberswalde, 1939.

Hoogstraal, H.

Insects and their stories... 144p. illus. New York, Thomas Y. Crowell company, 1941.

Kunike, G.

Der kornkäfer und andere getreideschädlinge. 22p. illus. Berlin-Dahlem, 1941. (Biol. reichsanst. f. land. u. forstw. Flugbl. no.128, 8th rev. ed.)

Lima, Peru. Estacion Experimental Agricula de La Molina.

Circular no. 56-57. Lima, Peru, Instituto de altos estudios agricolas del Peru, 1940. Contents.- no.56. Rada, G. G. Principales enfermedades del algodonero en el Perú... Segunda edición corregida de la Circular no. 28. 14p. illus.; no.57. Ocampo, J. A. El piretro (*Chrysanthemum cinerariaefolium*, Trev.); su cultivo y posibilidades en el Perú. 31p. illus. Bibliografia, p.31.

Lima, Peru. Estacion Experimental Agricola de La Molina.

Memoria 12... 1939. 371p. illus. Lima, 1940. Partial contents.- Wille, J. E. Memoria del Jefe del Departamento [de entomología], p.177-210, illus.

London. Science Museum. Science Library.

The respiration of insects. (References from 1930-date...). 11p. London, 1939. (Sci. libr. bibliog. ser. no. 462.)

Mitter, M. N.

Manufacture of disinfectants & antiseptics... 2d ed. 146p. Calcutta, Industry publishers ltd., [1940?] (Imprint covered by label of Chemical publishing co., inc., Brooklyn, N. Y.) Partial contents.- Chap. XII-XIII. Insecticides, p.[89]-122.

Neal, P. A., and others.

A study of the effect of lead arsenate exposure on orchardists and consumers of sprayed fruit... 181p. illus. Washington, U. S. Govt. print. off., 1941. (U. S. Pub. health serv. Bul. no.267.)

Palmira, Colombia. Estación Agrícola Experimental.

Informe anual ... Junio 1o. de 1939 a junio 1o. de 1940. (Tomo III de la Memoria de 1940.) 171p. illus. Bogotá, Imprenta nacional, 1941. Partial contents.- Informe del Departamento de entomología, p.[127]-150.

Pearse, E. H.

Sheep, farm & station management. Ed. 4 rev. and enl. 629, 20p illus. Sydney, Melbourne, London, The Pastoral Review Pty. ltd., [1940?]. Partial contents.- Dipping baths, p.148-162; The blowfly, p.438-463; Lice and ticks in sheep, p.503-505; Nasal bots, p.584-585; Ants, silverfish, fly repellents, arsenical poisoning, p.605-610.

Reichardt, A.

Fam. Sphaeritidae et Histeridae (partie 1). xiii, 419p. illus. Moscou, Leningrad, Edition de l'Académie des sciences de l'URSS, 1941. Text in Russian. German summary, p.[345]-410. (Faune de l'URSS ... Insectes coléoptères vol.V, no.3.) At head of title: Institut zoologique de l'Académie des sciences de l'URSS. Nouvelle série no.26.

Schenkling, S.

Faunistischer führer durch die coleopteren-literatur. Die wichtigste käfer-literatur nach geographischen gebieten geordnet. Band I: Europa. Lfg. 6 (seiten 321-416). Neubrandenburg (Meckl.), Gustav Feller, 1940.

Sinton, J. A., and Shute, P. G.

Memorandum on measures for the control of mosquito nuisances in Great Britain. 29p. illus. London, Printed and published by His Majesty's stationery office, 1940. At head of title: [Great Britain]. Ministry of health. Memo. 238/Med.

South Africa. Department of Public Health.

Annual report ... year ended 30th June, 1939. 118p. Pretoria, Printed in the Union of South Africa by the Government printer, 1939. Publications, p.117-118. Partial contents.- Malaria, p.38-46; Plague, p.46-53.

Telenga, N. A.

Fam. Braconidae: sous-fam. Braconinae (cont.) et Sigalphinae. xvii, 465p. illus. Moscou, Leningrad, Edition de l'Académie des sciences de l'URSS, 1941. Text in Russian. German summary, p.[371]-465. (Faune de l'URSS ... Insectes hyménoptères vol.V, no.3.) At head of title: Institut zoologique de l'Académie des sciences de l'URSS. Nouvelle série no.24.

Thunell, B.

Inverkan på furuvirkes hållfasthetsegenskaper av basning och impregnering med vissa skyddsmedel mot röta och insekter. The influence of steam treatment and impregnation with some preservatives on the mechanical strength of Swedish pine-wood. 14p. illus. Stockholm, 1941. Litteraturförteckning, p.14. (Statens Provningsanst. Stockholm. Meddel. 83.)

Townsend, C. H. T.

Manual of myiology. Part X. Oestroid generic diagnoses and data, Anacamptomyiini to Frontinini. 334p. Itaquaquecetuba, São Paulo, Brasil, Charles Townsend & filhos, 1940.

Vaud (Canton). Dept. de l'Agriculture, de l'Industrie et du Commerce.

...Reconstitution du vignoble et phylloxera. Rapport sur les essais viticoles cantonaux et la lutte contre le phylloxera durant l'année 1939. 38p. Lausanne, Imprimerie F. Baumgartner, 1940.

Wille, J. E.

Tres informes de observaciones entomologicas en La Costa. 26p. illus. Lima, Peru, Instituto de altos estudios agricolas del Peru, 1941. (Lima, Peru. Estac. expt. agr. de La Molina. Informe no.53.)

PERIODICALS

Académie des sciences de l'URSS. Moscow. Comptes rendus, n.s. v.30, no.4, 1941.

Ardashnikov, S. N. Malignant tumors in Drosophila melanogaster. Influence of the left end of the sex chromosome on the development of tumors, p.344-346; illus. References, p.346.

Kaschirskich, W. A. Einige angaben über die chemische zusammensetzung der puppen von Bombyx mori, p.340-343, illus. Zitierte literatur, p.343.

Nokia, G. G. Contribution to the study of hormones in insects, p.371-373, illus. References, p.373.

Sakharov, V. V. Mutation process in hibernating Drosophila melanogaster, p.347-349.

El Agricultor del norte (La Serena, Chile), v.25, no.5, May 1941.

Garmendia, J. O. El pavia "picudo de elqui" observado como resistente al ataque del pulgón y del oido, p.157-158.

Agricultura; revista agropecuaria (Madrid), v.10, no.108, Apr. 1941.

Benloch, M. El "cigarrero" de la vid [Byctiscus betulae], p.135-136, illus.

The Agricultural bulletin, Palestine, Oct.-Dec. 1940.

Brair, J. H. The control of plum fruit sawfly. (Hoplocampa flava), p.165-166; Simple and cheap methods for controlling the vine bud moth. (Theresia ampelophaga), p.166-167.

Agricultural chemical society of Japan. Journal (Tokyo), v.17, no.3 (whole no. 198), Mar. 1941.

Maruo, B., and Koike, H. On the changes in the lacto-flavin contents of silkworms (*Bombyx mori* L.) during metamorphosis, p.[123]-126. Text in Japanese. (English title given on p.[13] of the abstract section.)

Agricultural engineering ([St. Joseph, Mich.]), v.22, no.5, May 1941.

Veach, C. W., and McCauley, W. E. An insecticide dispersing machine, p.171-172, illus.

Agricultural gazette of New South Wales (Sydney), v.52, pt.5, May 1, 1941.

Allman, S. L. Control of Queensland fruit fly. Caged tree pests, p.281-282, illus.

Agricultural society of Trinidad & Tobago. Proceedings (Port-of-Spain), v.40, no.4, quarter ending Dec. 1940; v.41, no.1, quarter ending Mar. 1941.

Pickles, A. Insecticides for use in citrus orchards, v.40, no.4, p.323-325, 327-329; Observations on some of the less familiar pests of citrus in Trinidad, v.41, no.1, p.395, 397, 399, illus.

Agriculture; the journal of the Ministry of agriculture, Great Britain (London), v.47, no.4, Mar. 1941.

Wireworms and newly-ploughed grass land; a summary of a report from the Advisory entomologists' conference, p.251-257.

Akademii sel'skokhoziaist-vennykh nauk im V. I. Lenina. Doklady, 1941, no.1.

Semenov, A. E., and Ogloblin, D. A. Two new species of beetles feeding on leaves of almond [*Lefevrella amygdali* D. Oglobl. sp. n.; *Luperus flavilabris* D. Oglobl. sp. n.], p.20-[23], illus. Text in Russian. Scientific descriptions also in English.

American journal of hygiene (Lancaster, Penn.), v.33, no.3, May 1941.

Rozeboom, L. E., and Gabaldon, A. A summary of the "Tarsimaculatus" complex of Anopheles (Diptera: Culicidae), p.88-100, illus. References, p.98-99.

American journal of pharmacy (Philadelphia, Penn.), v.113, no.5, May 1941.

Thomas, C. A. Insects are costly enemies, p.177-188. References on insecticides and other control measures, p.187-188.

American journal of the medical sciences (Philadelphia), v.201, no.6, June 1941.

Hollander, J. L. Bee venom in the treatment of chronic arthritis, p.796-801. References, p.801.

American journal of tropical medicine (Baltimore), v.21, no.3, May 1941.

McIvor, B. C., and Cherney, L. S. Studies in insect bite desensitization, p.493-497.

Parker, R. R. Rocky Mountain spotted fever: results of fifteen years' prophylactic vaccination, p.369-383, illus.

American midland naturalist (Notre Dame, Ind.), v.25, no.2, Mar. 1941.

Dethier, V. G. The immature stages of *Rivula propinqualis* Gn., p.450-453, illus.

American naturalist (Garrison, N. Y.), v.75, no.758, May-June 1941.

Hatch, M. H. The logical basis of the species concept, p.193-212.

Usinger, R. L. Problems of insect speciation in the Hawaiian Islands, p.251-263. Literature cited, p.263.

American nurseryman (Chicago, Ill.), v.73, no.10, May 15, 1941.

Hamilton, C. C. Diagnosis of insect injury, p.5-7, illus.

American photography (Boston), v.35, no.7, July 1941.

Brownell, L. W. Nature and wild life. Photographing the Lepidoptera, p.502-506, illus.

Annals of applied biology (London), v.28, no.2, May 1941.

Beaumont, A., and Staniland, L. N. The spread of eelworm [Anguillulina dipsaci Kühn] in commercial narcissus plantings, p.135-141, illus.

References, p.141.

Butler, C. G. A study of the frequency with which honeybees visit red clover (Trifolium pratense), together with an examination of the environmental conditions, p.125-134, illus. References, p.134.

Jacob, F. H. The over-wintering of Myzus persicae Sulz. on Brassicae in North Wales, p.119-124. References, p.124.

Potter, C. A laboratory spraying apparatus and technique for investigating the action of contact insecticides, with some notes on suitable test insects, p.142-169, illus. References, p.169.

Russell, E. J. The function of applied biology in war time, p.170-177.

Anzeiger für schädlingskunde (Berlin), v.17, 1941; no.2, Feb.15; no.3,

Mar.15.

Daxer, H. Über die Abhängigkeit der spritzmittelschäden von Temperatur und Jahresablauf, no.2, p.[13]-20, illus.; no.3, p.26-35, illus. Schrifttum, p.35.

Gersdorf, E. Beobachtungen über schädliche Rüssler (Tanymecus, Chlorophanus, Cneorrhinus), no.3, p.[25]-26. Schrifttum, p.26.

Wichmand, H. Wie lange dauert ein Hausbockbefall?, no.2, p.21-24, illus.

Archief voor de suikerindustrie in Nederland en Nederlandsch-Indië

(Pasoeroean, Java), v.2, no.2, Apr. 1941.

Diakonoff, A. De veroorzaker van de rijgdraadjes (Cosmopteryx dulcivora Meyr.), p.34-41, illus. Aangehaalde literatuur, p.41. Text in Dutch. English summary, p.41.

Archiv für Naturgeschichte, n.s. (Leipzig), v.10, no.1, Mar.25, 1941.

Durán-Moya, L. Die thynniden Chiles, p.[71]-176, illus.

Argentine Republic. Ministerio de economia, obras publicas y riego. Dirección de industrias y fomento agrícola. Boletín agrícola (Mendoza), v.8, no.10, 11 and 12, Oct., Nov. and Dec. 1940.

Maspoli, A. O. Observaciones locales sobre propagación natural de la filoxera de la vid, p.290-302.

Arnoldia ([Jamaica Plain, Mass.]), v.1, no.7, May 23, 1941.

Wyman, D. Winter injury and serious pests to be fought now, p.37-40.

Arquivos de zoologia do Estado de São Paulo (São Paulo), v.2, 1941. (v.2... is also tomo 25 da Revista do Museu Paulista.)

Ayroza Galvão, A. L. Contribuição ao conhecimento das espécies de Myzorhynchella (Diptera, Culicidae), p.[505]-576, illus. Bibliografia, p.572-575.

Ferreira d'Almeida, R. Algumas observações sobre a fauna de lepidópteros da América, p.[299]-318, illus.; Contribuição para o conhecimento da biologia do Phyciodes hermas (Hew., 1864) (Lepidoptera Nymphalidae), p.[321]-324, illus.

Guimaraes, L. R. Notas sobre Siphonaptera e redescricao de Polygenis occidentalis (Almeida Cunha, 1914), p.[215]-250, illus. English abstract, p.249.

Monte, O. Catálogo dos tingítideos do Brasil, p.[65]-174. Bibliografia, p.155-166.

Oiticica Filho, J. Sobre a nomenclatura dos lepidópteros da família Adelocephalidae, p.[325]-339.

Oliveira, S. J. de. Sobre Ophyra aenescens Wiedemann, 1830. (Diptera: Anthomyidae), p.[341]-355. Bibliografia, p.347-349.

Pessôa, S. B., and Lane, F. Coleópteros necrófagos de interesse médico-legal. Ensaios monográficos sobre a família Scarabaeidae de São Paulo e regiões vizinhas, p.[389]-504, illus. Bibliografia, p.495-503.

Souza Lopes, H. de. Sobre alguns sarcofágideos neotrópicos da coleção do Museu britânico (Diptera), p.[357]-387, illus. English summary, p.382-383.

Travassos Filho, L. Euchromiidae de Salobra, p.[261]-280, illus. Bibliografia, p.276-277; Contribuição à zoogeografia dos Euchromiidae brasileiros. 1. Material colhido em Ilha Sêca, Estado de São Paulo e Salobra, Estado de Mato Grosso, de Fevereiro a Março de 1940, p.[281]-297, illus. Bibliografia, p.295-297.

Australian institute of agricultural science. Sydney, N. S. W. Journal, v.6, no.4, Dec. 1940.

Allman, S. L. After-effects of feeding Queensland fruit flies on poison baits, p.211-213.

Wallace, C. R. On the occurrence of the weevil Naupactus leucoloma Boh. in Australia, p.209-211. [References], p.211.

Basel. Naturforschende gesellschaft. Verhandlungen, v.51(1939-40), no.1, 1940.

Wygodinsky, P. W. Beiträge zur kenntnis der dipluren und thysanuren der Schweiz, p.[40]-64, illus. [Literaturverzeichnis], p.63-64.

Biochemical journal (London), v.34, nos.10 & 11, Nov. 1940.

Campbell, W. G., and Bryant, S. A. A chemical study of the bearing of decay by Phellinus cryptarum Karst. and other fungi on the destruction of wood by the death-watch beetle (Xestobium rufovillosum De G.), p.1404-1414. References, p.1414.

Hopf, H. S. The physiological action of abnormally high temperatures on poikilothermic animals. 3. Some changes occurring in the phosphorus distribution of the haemolymph of insects under the influence of abnormally high temperature, p.1396-1403. References, p.1403.

Inglesent, H. Zymotic function of the pharyngeal, thoracic and post-cerebral glands of Apis mellifica, p.1415-1418.

Biokhimiia (Leningrad'), v.4, no.6, 1939. (Received May 6, 1941.)

Kretovich, V., and Tokareva, R. Biochemical changes in the grains of wheat damaged by wheat-bug. II communication, p.637-647. Literatura, p.646. Text in Russian. English summary, p.647.

Der Biologe (Munich), v.10, no.2/3, Feb.-Mar. 1941.

Eichler, W. Ektoparasiten bei wirbeltieren, p.49-56, illus.

Biologisches zentralblatt (Leipzig), v.61, no.3/4, Mar./Apr. 1941.

Kühn, A. Zur entwicklungsphysiologie der schmetterlingsschuppen, p.[109]-147, illus. Schriftenverzeichnis, p.146-147.

Vogt, M. Anatomie der pupalen Drosophila-ringdrüse und ihre mutmassliche bedeutung als imaginale metamorphosezentrum, p.[148]-158, illus. Schriftenverzeichnis, p.157-158.

Biological bulletin (Lancaster, Penn.), v.80, 1941; no.2, Apr.; no.3, June.

Day, M. F. Pigment migration in the eyes of the moth, Ephestia kuehniella Zeller, no.3, p.275-291, illus. Literature cited, p.289-291.

Dethier, V. G. The function of the antennal receptors in lepidopterous larvae, no.3, p.403-414, illus. Literature cited, p.414.

Schneider, B. A. The nutritional requirements of Tribolium confusum Duval. I. The survival of adult beetles on patent flour and complete starvation diets, no.2, p.208-227, illus. Literature cited, p.226-227.

O Biologico (São Paulo, Brazil), v.7, no.4, Apr. 1941

Seixas, C. A., and Amaral, S. F. do. Uma praga da batata doce (Euscepes postfasciatus), p.100-104, illus.

Blue anchor (Sacramento, Calif.), v.18, no.2, May 1941.

Claypool, L. L. Some effects of methyl bromide upon Bartlett pears, p.16-17, 32.

British medical journal (London), no.4190, Apr.26, 1941.

Saunders, L. The derris root treatment of scabies, p.624-626. Bibliography, p.626.

Brooklyn entomological society. Bulletin (Ancaster, Penn.), v.36, 1941; no.2, Apr.; no.3, June.

Bequaert, J. Additions and corrections to the revision of North American Vespinae (Entomologica Americana, 1932). Second paper, no.3, p.111-117. Additions to the bibliography, p.114-117.

Davis, W. T. Charles W. Leng and the Brooklyn entomological society, no.2, p.45-49, illus.

Gaul, A. T. An unrecorded sleeping habit of *Dolichovespula arenaria*, Fab. (Hymenoptera, Vespidae), no.2, p.49.

Harmston, F. C., and Knowlton, G. F. Courting antics of a robber fly [*Cyrtopogon willistoni* Curran], no.3, p.110.

Hovanitz, W. The selective value of aestivation and hibernation in a California butterfly [*Melitaea phaeton*], no.3, p.133-136.

Klots, A. B. Two European Tortricidae (Lepidoptera) not hitherto recorded from North America, no.3, p.126-127. [*Argyrotoxa forskaleana* Linnaeus; "Tortrix" *unifasciana* Duponchel.]

Lustig, E. F. Parasitism in *Papaipema purpurifascia*, no.3, p.141.

Mazzotti, L. Experimental infection of *Haematosiphon inodora* (Dugès) with *Trypanosoma cruzi* Chagas, no.2, p.67-68. References, p.68.

Steyskal, G. A curious habit of an empidid fly [*Rhamphomyia fumosa* Loew], no.3, p.117, illus.

Torre-Bueno, J. R. de la. Help notes toward a revision of the genus *Hormostes* Burm. 1835, no.2, p.82-92.

Wilcox, J. New *Heteropogon* with a key to the species (Diptera, Asilidae), no.2, p.50-56.

Williams, R. W. Methods of collecting and marking large numbers of beetles, no.3, p.139-140.

Wood, S. F. A method of collecting and transporting cone-nosed bugs [*Triatoma* spp.], no.3, p.137-139, illus.

Wright, J. F., and Whitehouse, J. Additions to the list of Cincinnati Coleoptera, no.2, p.69-73.

Brotéria (Lisbon), Série trimestral: Ciências naturais, v.10, no.2, May 1, 1941.

Willmann, C. Artrópodes da Madeira; segundo as investigações do Sr. Prof. Dr. O. Lundblad. XIV. Acaros terrestres (excepto os Ixodidae), p.[61]-69. (Also numbered p.[6]-14.)

California. Department of agriculture. Sacramento. Bulletin, v.30, no.2, Apr./June 1941.

Hunt, H. A., and Carter, W. B. The known occurrence of tomato pinworm (*Keiferia lycopersicella*) in California, p.167-169, illus.

Keifer, H. H. Eriophyid studies XI, p.196-216, illus.

Michelbacher, A. E. Control of the corn earworm [*Heliothis armigera*] on sweet corn, p.175-183, illus. Literature cited, p.183.

Canadian entomologist (Orillia), v.73, 1941; no.4, Apr.; no.5, May.

Glen, R. Contributions to the morphology of the larval Elateridae (Coleoptera), No.2. *Agriotes limosus* Leconte, no.4, p.[57]-62, illus. References, p.62.

Leech, H. B. The species of *Matus*, a genus of carnivorous water-beetles (Coleoptera, Dytiscidae), no.5, p.[77]-83, illus. References, p.83.

Canadian entomologist (continued)

Walley, G. S. A new species of Mirax parasitic on Coptodisca arbutiella Bsk. (Hymenoptera, braconidae), no.5, p.83-84.

Canadian journal of comparative medicine and veterinary science (Gardenvale, Quebec), v.5, 1941; no.4, Apr.; no.5, May.

Davidson, W. B. The Rocky Mountain wood tick [Dermacentor andersoni Stiles] and tick borne diseases, no.5, p.123-133, 136-137, illus. Bibliography, p.137.

Gwakin, R. Further examination of small mammals and birds in a search for carriers of equine encephalomyelitis virus, no.4, p.113-116.

Centralblatt für das gesamteforstwesen (Wien), v.67, 1941; no.2, Feb.; no.3, Mar.

Schimitschek, E. Die massenvermehrung des kiefernspanners, Bupalus piniarius L., und seine bekämpfung im jahre 1940 in der Westslowakei, no.2, p.[25]-46, illus.; no.3, p.[53]-70, illus. Schrifttumnachweis, p.68-70.

Cereal chemistry (Lancaster, Pa.), v.18, no.3, May 1941.

Blumberg, B. L., and Ballard, C. W. An acid-alkali method for staining Tribolium eggs in flour, p.355-358.

Chacaras e quintaes (São Paulo), v.63, 1941; no.4, Apr. 15; no.5, May 15.

Amaro van Emelen, D. O favo grosso, no.3, p.[632]-633, illus.

Bondar, G. Necessidade do estudo dos insetos, no.4, p.[500]-501, illus.

Costa Lima, A. da. Ainda as formigas "bandeirantes." A verdade sobre a cuiabana, no.3, p.[596]-[597], illus.

Lima, S. de. A mosca das casas (usos - costumes - perigos - combate), no.4, p.[451]-452, illus.

S., O. de. Como combater as cochonilhas de escama, no.4, p.[477]-479, illus.

Sauer, H. No meio das saúvas, no.3, p.[603]-604, illus.

La Chacra (Buenos Aires), v.11, no.127, May 1941.

Hayward, K. El pulgon verde de los cereales [Toxoptera graminum Rondani], p.36-37, illus.

Chinese medical journal (Peiping), v.59, no.1, Jan. 1941.

Chang, T. L. Malaria transmission in western Yunnan - the natural vectors, p.[54]-66. References, p.65-66.

Kan, H. C. Prevalence of malaria in Kweichow province, p.[77]-83. illus.

Yao, Y. T., and Wu, C. C. Notes on the Chinese species of genus Phlebotomus. Part III. Sandflies in Nanning and Tienpao, Kwangsi, p.[67]-76, illus. References, p.76. (Phlebotomus barraudi var. kwangsiensis n. var.)

Ciencia; revista hispano-americana de ciencias puras y aplicadas (Mexico, D. F.), v.1, no.10, Dec.1, 1940; v.2, no.1, Jan.25, 1941.

Dampf, A. Nota sobre la biología del noctuido Antaplaga Gn. (Ins. Lepid.), v.1, no.10, p.454-455, illus.

Ciencia (continued)

Vargas, L. Detalles morfologicos de los Anopheles americanos del grupo maculipennis y especies proximas, v.2, no.1, p.23-25, illus. Nota bibliografica, p.25.

Citrus industry (Tampa, Fla.), v.22, no.6, June 1941.

Thompson, W. L. The present status of scale insects infesting citrus, p.5, 8-9, 16-17, illus.

Clinical medicine and surgery (Waukegan, [etc.], Ill.), v.48, no.5, May 1941.

Voss, A. E. The bite of the black widow spider [Lactrodectus mactans], p.123-125, illus. References, p.125.

Deutsche entomologische gesellschaft. Berlin. Mitteilungen, v.10, 1941; no.1/2, Feb.24; no.3, Mar.24.

Blüthgen, P. Bemerkungen zu Otto Rapps "Die bienen Thüringens usw." (Erfurt 1938), no.3, p.26-31.

Delahon, P. Nachträge zu Schilskys Systematischem verzeichnis der käfer Deutschlands von 1909 mit besonderer berücksichtigung der formen der Mark Brandenburg, sowie einige sonstige bemerkungen über käfer aus Deutschland. (Col.), no.3, p.20-23.

Merkel, F. W. Beiträge zur heuschreckenfauna Schlesiens, no.1/2, p.12-17. Schrifttum, p.17.

Deutsche tierärztliche wochenschrift (Hannover), v.48, no.18, May 4, 1940.

Quittek, G. Der erbsenkäfer (Bruchus pisorum) als ursache von gesundheitsstörungen bei tauben, p.208-209, illus.

Diamond walnut news (Los Angeles, Calif.), v.23, no.3, May 1941.

Boyce, A. M., and Bartlett, B. R. Control of codling moth; complete information on the most serious pest of walnuts, p.4-7.

East African agricultural journal ... (Nairobi), v.6, no.4, Apr. 1941.

Harris, W. V. Termites in East Africa. III. Field key and distribution (by territories), p.201-205, illus.

Notley, F. B. Antestia in the northern province of Tanganyika, p.194-198, illus. References, p.198.

Ecology (Lancaster, Penn.), v.22, no.2, Apr. 1941.

Dropkin, V. H. Host specificity relations of termite protozoa, p.200-202. Literature cited, p.202.

Ecuador. Ministerio de prevision social, trabajo, agricultura e industrias.

Boletin (Quito), no.8, primer trimestre, 1941.

Martin, C. A. El paludismo en la region interandina y en Valle de Los Chillos. Se inicia una campaña sanitaria contra este flagelo, p.[133]-[137], illus.

Wandemberg, B., and Rivedeneira, J. El paludismo del Valle de Los Chillos, p.[138]-165.

Entomological news (Philadelphia), v.52, no.6, June 1941.

Dahl, R. G. The Leng types of Cicindelidae (Coleoptera), p.169-172. (To be continued.)

Entomological news (continued)

Forbes, W. T. M. Line-elements in butterfly patterns (Lepidoptera: Nymphalidae), p.151-154, illus.

La Rivers, I. Additions to the list of Nevada dragonflies (Odonata) (continued from page 130), p.155-157. Bibliography, p.157.

Entomologische zeitschrift (Frankfurt-M), v.54, no.2, Apr.10, 1940; v.54, 1941; no.29, Jan.20; no.30, Feb.1; no.31, Feb.10; no.35, Mar.20; v.55, 1941; no.1, Apr.1; no.2, Apr.20; no.4, May 1; no.5, May 10.

Gerstner, K. Über zahl der eier und zeit der ablage bei *Vanessa io* L., v.54, no.2, p.11-13, illus.

Groth, K. Melanismus der *Cidaria* (*Dystroma*) *citrata* L. (Lep.), v.55, no.3, p.[17]-19.

Haeger, E. Zur verbreitung von *Plusia gutta* Gn. (*Phytonetra confusa* Stph.), v.54, no.2, p.[9]-11. Schriftennachweis, p.10-11.

Hofmann, F. Über flugelmembran und schuppen einiger brasilianischen tagfalter, v.54, no.2, p.15-16.

Klein, J. Zur stammgeschichte der saturnidengattungen *Saturnia* Schrank und *Eudia* Jordan (Fortsetzung von seite 70 des 53. jahrganges), v.54, no.29, p.[225]-231; no.30, p.[233]-238; no.31, p.[241]-244, illus.

Lomb, J., and Hildebrecht, A. Wer kann angaben liefern über die verbreitung von *Mamestra splendens* Hbn. und die futterpflanzen der raupen?, v.54, no.35, p.[273]-276.

Skell, F. Zur einheitlichen präparation von schmetterlingen, v.55, no.4, p.[25]-32, illus.; no.5, p.35-40.

Stadler, H. Mitteilungen der sammelstelle für schmarotzerbestimmung des V. D. E. V. 3. Über das herrichten (präparieren) und versenden von gezogenen schmarotzerkerfen, v.55, no.1, p.[5]-8.

Entomologist (London), v.74, 1941; no.934, Mar; no.935, Apr.

Castle Russell, S. G. *Lysandra coridon* Poda var. *syngrapha* Keff., no.934, p.[49]-50.

Dannreuther, T. Migration records, 1940, no.934, p.54-62.

Eliot, N. Liberation of butterflies, no.934, p.65-67.

Jordan, K. A new rat-flea from China [*Nosopsyllus wualis* sp. nov.], no.935, p.85-86, illus.

Littlewood, F. On rearing Lepidoptera, no.935, p.88-94. (To be continued.)

Pierce, F. N. *Brephos parthenias*: female genitalia, no.934, p.68-69, illus.

Warren, B. C. S. A few comments on some inconsistent criticism, no.934, p.51-53.

Wright, A. E. The north-western race of *Aricia agestis* Schf., no.935, p.76-84.

Entomologist's monthly magazine (London), ser.4, v.2 (whole ser. v.77), no.15 (whole ser. no.922), Mar. 1941.

Edwards, F. W. Notes on British fungus-gnats (Dipt., Mycetophilidae), p.67-72, illus. Continued from p.32.

Morley, C. The history of *Cicadetta montana* Scop. in Britain, 1812-1940 (concluded), p.49-56.

Entomologist's monthly magazine (continued)

Perkins, J. F. A note on the female of Homocidus arcamus Stelfox
(Hym., Ichneumonidae), p.57.

Tottenham, C. E. Note on Philonthus méquignoni Jarrige (Col., Staphylinidae), p.58-59.

Entomologist's record (London), v.53, 1941; no.3 (and supplements), Mar.; no.4, Apr.

Burrows, C. R. N. Iodis chrysoprasaria, esp., no.4, p.33-36, illus.
Castle Russell, S. G., and Turner, H. J. Compilers. Records and full descriptions of varieties and aberrations, intended for the Annual exhibition of the South London entomological society which, owing to the war, could not be held. 8p. (no.3, suppl. [no.1].)

Green, E. E. Notes on British moths (continued from page 20), no.3, p.28-31.

Turner, H. J. The British Noctuae and their varieties, no.3, suppl. [no.2], p.9-11.

Eos (Madrid), v.15 (Año 1939), Jan.10, 1941; v.16 (Año 1940), Jan.20, 1941.

Giner Marí, J. Monografía de los Cerceris de España (Hym. Spheg.), v.15, p.[7]-93, illus. Bibliografía, p.89-91, illus.

Gómez-Menor Ortega, J. Coccidos de la República Dominicana (Hem. Cocc.), v.16, p.[125]-143, illus. Bibliografía, p.143.

Koch, C. Die verbreitung und rassenbildung der marokkanischen pimelien (Col. Tenebr.). (Eine biogeographisch-systematische studie), v.16, p.[7]-122, illus. Literatur-verzeichnis, p.120-121.

Erdészeti lapok (Budapest), v.80, no.3, 1941.

Janos, G. A Lymantria dispar L. pusztítása után fellépő másodlagosan káros rovarok, p.120-123. Text in Hungarian. ("...Investigations ... on material gathered in Hungarian woods attacked by Lymantria.")

Fan memorial institute of biology. Bulletin (Zool. ser.) (Peiping), v.8, no.1, Mar.-Apr. 1938; v.10, 1940; no.1, Apr.-May; no.2, June-Aug.

Pan, T.-N. Preliminary studies on vegetable poisons as insecticide v.8, no.1, p.[27]-33.

Yang, H.-S. Notes on Poecilocoris lewisi Distant (Heteroptera), v.10, no.2, p.[109]-114, illus. Bibliography, p.114.

Yang, W.-I. A new method for the classification of urostylid insects, v.8, no.1, p.[35]-48, illus.; Systematical studies on Chinese Coridiinae, with particular reference to the genitalia of both sexes, v.10, no.1, p.[1]-54, illus. Bibliography, p.47-52.

The Field; the country newspaper (London), v.177, no.4607, Apr.12, 1941.

Nicholas, W. W. The life cycle of the garden tiger moth (Arctia caia) [Photographs], p.459.

Forstarchiv; zeitschrift für wissenschaftlichen und technischen fortschritt in der forstwirtschaft (Hannover), v.17, no.3/4, Feb.25, 1941.

Schwerdtfeger, F. Bekämpfung und prognose der kiefernenschonungs- gespinstblattwespe, Acantholyda erythrocephala L., p.57-61, illus.

Fortschritte der zoologie (Jena), n.f., v.5 (Bericht... 1939), 1941.

Bauer, H. Physiologie des formwechsels. 3. Genetik. b) Chromosomenforschung (Karyologie und cytogenetik), p.[279]-296, illus. Schriftenverzeichnis, p.295-296.

Rensch, B. Systemlehre und stammesgeschichte. 4. Tiergeographie, p.[135]-153. Schriftenverzeichnis, p.150-153.

Neber, H. Morphologie und entwicklungsgeschichte. c) Morphologie und entwicklungsgeschichte der arthropoden, p.[51]-96, illus. Schriftenverzeichnis, p.91-96.

Wolf, E. Vergleichende physiologie des stoff- und energiewehsels.

5. Nerven- und sinnesphysiologie, p.[245]-278. Schriftenverzeichnis, p.275-278.

Frontiers (Philadelphia), v.5, no.5, June 1941.

Fulton, B. B. Flies that trap spiders, p.149-152, illus.

Tillotson, H. S. Plant world trappers, p.142-143, illus.

Fruit world & "market grower" (Melbourne), v.41, no.9, Sept.5, 1940.

Codling moth and black spot. Annual report and results of Victorian tests, p.5-7, illus.

Gardening illustrated (London), v.63, 1941; no.3237, Mar.22; no.3238, Mar.29.

Wilson, G. F. Hygiene in the kitchen garden. I. Spring-time operations against vegetable pests. Remedial measures for their prevention and control, no.3237, p.142-143, illus.; II. Spring-time operations against the pests of fruit trees and bushes, no.3238, p.154-155, illus.

General electric review (Schenectady, N. Y.), v.44, no.6, June 1941.

Porter, L. C. What kinds of light attract night-flying insects most? Least?, p.310-313, illus.

Gesellschaft für vorratsschutz E. V. Mitteilungen (Berlin-Steglitz), v.17, no.2, Mar. 1941.

Kruel, K. Über die verbreitung und lebensweise der gattung Anthrenus Fbr. (Fortsetzung), p.22-24. (Fortsetzung folgt.)

Zacher, F. Die samennotte Hofmannophila pseudospretella Stt. ein weit verbreiteter, aber wenig bekannter schädling, p.[17]-22, illus. Literatur-verzeichnis, p.22.

Göteborgs Kungl. vetenskaps- och vitterhets- samhälles. Handlingar (Göteborg), Ser. 5, B. Matematiska och naturvetenskapliga skrifter, v.6, 1940.

Sellnick, M. Die milbenfauna islands. 129p. illus. (Meddelanden från Göteborgs musei zoologiska avdelning. 83.) [Art. no.14]

Tjeder, B. Mecoptera, Neuroptera, and Trichoptera from the southern part of the Swedish east coast. 34p. illus. Literature, p.[28]-34. (Meddelanden från Göteborgs musei zoologiska avdelning. 77.) [Art. no.3]

Great Britain. Imperial institute, London. Bulletin, v.39, no.1, Jan.-Mar. 1941.

Nicol, J. M. Insect infestation of cacao beans in the producing countries, with a note on the extent to which Ephestia elutella Hub. and E. cautella Wlk. establish themselves in warehouses and factories in Great Britain, p.17-25. References, p.24-25.

Quarterly bibliography on insecticide materials of vegetable origin, no.13 (October-December 1940), prepared in collaboration with the Imperial institute of entomology and the Department of insecticides and fungicides, Rothamsted experimental station, p.41-48.

Growth ([Montreal, Canada, etc.]), v.5, no.1, Mar. 1941.

Schader, L. The effect of vitamin B₁ (thiamin) on the body length and duration of the larval period in Drosophila melanogaster, p.19-26, illus. References, p.26.

Hadar (Tel-Aviv, Palestine), v.14, no.1, Jan. 1941.

De Leon, J. Condition of Jewish citrus groves. (Notes taken during inspection carried out in connection with the citrus loan for the season 1940-1941), p.7-9, illus. (Tells of ravages of Pseudococcus comstocki and black scale.)

Indian journal of agricultural science (New Delhi), v.11, pt.1, Feb. 1941.

Rahman, K. A. Parasites of the insect pests of sugarcane in the Punjab, p.119-128.

Indian journal of medical research (Calcutta), v.29, no.1, Jan. 1941.

Rao, S. R. Rat-fleas of Calcutta: investigated from a point of view of epidemiology of plague, p.51-70, illus. References, p.69-70.

Indiana academy of science. Proceedings (Indianapolis), v.50(1940), May 1941.

Wallace, F. N. Presidential address. Japanese beetle control in Indiana, p.16-22.

Insecta Matsumurana (Sapporo, Japan), v.15, no.3, Mar. 1941.

Kono, H. Beiträge zur curculionidenfauna von Mandschukuo. I. (Attelabinae, Apoderinae und Rhynchitinae), p.75-79

Tokunaga, M. Biting midges from Manchuria (Ceratopogonidae, Diptera), p.89-102, illus.

Uchida, T. Beiträge zur systematik der tribus Polysphinctini Japans, p.112-122.

Watanabe, C. Descriptions of three new species of Aphidius [A. konoii; A. inouyei; A. jezoensis] parasitic on some aphids of coniferous trees. (Taxonomic notes on Aphididae of Japan, III), p.106-111, illus.

Institute of brewing. Journal (Cambridge, Eng.), v.47 (v.38, n.s.), no.5, May 1941.

Gunn, D. L. Pests in grain and other stored products, p.130-135.

Instituto Butantan. São Paulo, Brazil. Memorias, v.14, 1940.

Bücherl, W. Sobre a musculatura da Scolopendra viridicornis Newp. Uma contribuição para o estudo comparativo da musculatura dos

Instituto Butantan. Memorias (continued)

quilopodos e insetos, p.65-[108], illus. Bibliografia, p.91-92.

Text in Portuguese. German summary, p.93-95.

Fonseca, F. da. Notas de acareologia XXX. Familias, genero e especie novos de acarianos parasitas do pulmão de serpentes (Acari. Pneumophionyssidae, n. fam. e Entonyssidae, n. fam.), p.[53]-58, illus.

Text in Portuguese. English abstract, p.58; XXXI. Bolivilaelaps tricholabiatus, gen. n., sp. n. (Acari. Laelaptidae), p.[59]-64, illus. Text in Portuguese. English abstract, p.64.

Instituto de café do Estado de S. Paulo. São Paulo. Revista, no.168 (v.28, semestre 1), Feb. 1941.

Mendes, L. O. T. O sombreamento do cafeeiro e a "broca do café," p.[158]-163.

Instituto Oswaldo Cruz. Rio de Janeiro. Memorias, v.35, no.2, 1940.

Chagas, A. W. Criação de flebotomos e transmissão experimental da leishmaniose visceral americana, p.327-[334], illus.

Dias, E. Técnica do xenodiagnóstico na molestia de chagas, p.335-342, illus. Bibliografia, p.342.

Martins, A., Versiani, V., and Tupinambá, A. Estudos sobre a tripanosomiase americana em Minas Gerais, Brasil, p.285-301, illus.

Neiva, A., and Lent, H. Estudos sobre triatomideos do Chile; interessante caso de provável polimorfismo, p.343-363, illus. Referencias bibliográficas, p.361-363.

Werneck, F. L., and Thompson, G. B. Sur les mallophages des marsupiaux d'Australie (Mallophaga: Boopidae), p.411-455, illus.

International institute of agriculture. Rome. International bulletin of plant protection, v.15, 1941; no.4, Apr.; no.5, May.

Servadei, A., and Venturi, F. Experiments on the insecticidal value of methyl formate in the control of granary pests, no.5, p.92M.

Finland. Spread of Eriophyes tenuis in the country, no.4, p.[65M]-66M. Legislative and administrative measures, no.5, p.94M-99M.

Iowa academy of science. Des Moines. Proceedings, v.47 (54th, 1940), 1941.

Halvorson, O., and Jaques, H. E. A preliminary list of the crane flies (Diptera: Tipulidae) of Iowa, p.329-330.

Millspaugh, D. D. Preliminary survey and ecological notes of Iowa Corixidae, p.331-332, illus.

Stiles, K. A., and Stevens, V. G. Studies of eastern Iowa spiders, p.333-342. Bibliography, p.342.

Jamaica agricultural society. Journal (Kingston), v.45, no.4, Apr. 1941.

Fennah, R. G. Citrus pests investigation. Report on a visit to Jamaica in November, 1940, p.115-118, 120-123, illus.

Japan. Imperial sericultural experiment station. Suginami-Ky, Tokyo.

Bulletin, v.10, no.1, Nov. 1940; v.10, no.2, Apr. 1941.

Kuwana, Z., Ishii, G., and Kurosawa, T. Studies on the hymenopterous parasites of Margaronia pyloalis Walker (Lepidoptera). II. Macrocentrus philippensis Ashmead (Braconidae), no.1, p.[1]-26, illus. Text in Japanese. English summary, p.[25]-26.

Japan. Imperial sericultural expt. sta. Bulletin (continued)

Machida, J. On the formation of yolk and egg membranes in the silk-worm, Bombyx mori L., no.1, p.[27]-67, illus. [Bibliography], p.63-65. Text in Japanese. English summary, p.66-67.

Yoshida, T. Chemical studies on the lecithin of the domesticated silkworm pupae, no.2, p.117-146. [Bibliography], p.144. Text in Japanese. English summary, p.[145]-146.

Japanese journal of veterinary science (Tokyo), v.3, no.1, Feb. 1941.

Ono, Y. Der Dermacentor reticulatus (Fabricius) Koch, 1844, eine zeckenart der kamele aus der Hailar-Gegend in Nordwest-Mandschukuo, p.43-48, illus. [Bibliography], p.46. Text in Japanese. German summary, p.48.

Ono, Y., and Ikeda, S. Beobachtungen von Sarcoptes-räude bei trampeltieren. I, p.33-42, illus. [Bibliography], p.40. Text in Japanese. German summary, p.41-42.

Journal of agricultural science (London), v.31, no.2, Apr. 1941.

Martin, J. T. The chemical evaluation of pyrethrum flowers (Chrysanthemum cinerariifolium). The extraction of the flowers for analysis and the preparation of colourless concentrates of the pyrethrins, p.[178]-185, illus. References, p.185.

Journal of cellular and comparative physiology (Philadelphia, Penn.), v.17, no.3, June 20, 1941.

Robbie, W. A. The action of cyanide on eggs and embryos of the grasshopper, Melanoplus differentialis, p.369-384, illus. Literature cited, p.383-384.

Journal of experimental biology (London), v.17, 1940; no.3, July; no.4, Nov.; v.18, no.1, Mar. 1941.

Adcock, E. M. The permeability of gregarine protozoa from the gut of the meal-worm, v.17, no.4, p.449-463, illus. References, p.463.

Crombie, A. C. On oviposition, olfactory conditioning and host selection in Rhizopertha dominica Fab. (Insecta, Coleoptera), v.18, no.1, p.62-79, illus. References, p.78-79.

Gunn, D. L. The daily rhythm of activity of the cockroach, Blatta orientalis L. I. Aktograph experiments, especially in relation to light, v.17, no.3, p.267-277, illus. References, p.277.

Gunn, D. L., and Pielou, D. P. The humidity behaviour of the meal-worm beetle, Tenebrio molitor L. III. The mechanism of the reaction, v.17, no.3, p.307-316, illus. References, p.316.

Krogh, A., and Zeuthen, E. The mechanism of flight preparation in some insects, v.18, no.1, p.1-10, illus. References, p.10.

Parkin, E. A. The digestive enzymes of some wood-boring beetle larvae, v.17, no.4, p.364-377, illus. References, p.376-377.

Pielou, D. P. The humidity behaviour of the mealworm beetle, Tenebrio molitor L. II. The humidity receptors, v.17, no.3, p.295-306, illus. References, p.305-306.

Journal of experimental zoology (Philadelphia), v.87, no.1, June 5, 1941.

Bodenstein, D. Investigations on the problem of metamorphosis. VIII. Studies on leg determination in insects, p.31-53, illus. Literature cited, p.53.

Journal of experimental zoology (continued)

Stern, C. The growth of testes in *Drosophila*. I. The relation between vas deferens and testis within various species, p.113-158, illus. Literature cited, p.157-158; II. The nature of inter-specific differences, p.159-180, illus. Literature cited, p.180.

Journal of genetics (London), v.42, no.1/2, Apr. 1941.

White, M. J. D. The evolution of the sex chromosomes. I. The X0 and X_1X_2Y mechanisms in praying mantids, p.[143]-172, illus. References, p.169-170; II. The X-chromosome in the Tettigonidae and Acrididae and the principle of "evolutionary isolation" of the X, p.[173]-190, illus. References, p.189-190.

Journal of investigative dermatology (Baltimore), v.4, no.3, June 1941.

Winer, L. H., and Strakosch, E. A. Tick bites - *Dermacentor variabilis* (Say), p.249-258, illus. Bibliography, p.258.

Journal of morphology (Philadelphia), v.68, no.3, May 1, 1941; v.69, no.1, July 1, 1941.

Crichton, M., and Evans, B. H. Some effects of x-rays on the germ cells of *Chorthippus longicornis* (Orthoptera), v.69, no.1, p.187-199, illus. Literature cited, p.198-199.

Deevey, G. B. The blood cells of the Haitian tarantula [*Phormictopus cancerides* (Latreille)] and their relation to the moulting cycle, v.68, no.3, p.457-487. Literature cited, p.484-487.

Rabinowitz, M. Studies on the cytology and early embryology of the egg of *Drosophila melanogaster*, v.69, no.1, p.1-49, illus. Literature cited, p.35-36.

Journal of parasitology (Lancaster, Penn.), v.27, no.3, June 1941.

Wilson, F. H. The slender lice of American pigeons and doves with descriptions of two new species [*Esthiopterus (Columbicola) passerinae* n. sp.; *Esthiopterus (Columbicola) macrourae* n. sp.], p.259-264, illus. Bibliography, p.264.

Journal of the Department of agriculture of South Australia (Adelaide), v.44, no.8, Mar. 1941.

Swan, D. C. The control of silverfish [*Ctenolepisma longicaudata* Each.], p.420-422, illus. References, p.422.

Journal of the Department of agriculture of Western Australia (Perth), ser.2, v.18, no.1, Mar. 1941.

Jenkins, C. F. H. Termites or "white ants," p.22-26, illus. References, p.26.

Koleopterologische randschau (Vienna), v.26, no.1/2, Mar.1, 1940; no.3/5, Jan.31, 1941; no.6, Mar.31, 1941.

Franz, H. Vorarbeiten für ein käferverzeichnis der Ostmark. I. Die ökologisch-tiergeographischen verhältnisse der Ostmark, no.6, p.97-133, illus. Benützte literatur, p.130-133.

Heikertinger, F. Bestimmungstabellen europäischer käfer. (6. stück.) LXXXII. Fam. Chrysomelidae. 5. Subfam. Halticinae. Bestimmungs-

Koleopterologische rundschau (continued)

tabelle der gattungen der paläarktischen halticinen, no.3/5. p.67-89, illus. ...Literatur..., p.88-89. (Also paged 1-23.)
Mandl, K. Die blindkäferfauna der Karawanken, no.1/2, p.25-36, illus.
Moczarski, E. Aus der praxis des käfersammlers. XXXIX. Über menschliche abfallstoffe als ködermittel, no.6, p.133-136.
Scheerpeltz, O. Aus der praxis des käfersammlers. XXXVI. Planung, einrichtung und aufstellung einer dem studium der systematik und zoogeographischer fragen dienenden sammlung, no.1/2, p.1-14.
Wagner, H. Aus der praxis des käfersammlers. XXXVIII. Über das sammeln von apionen. (Zugleich 46. Beitrag zur kenntnis der subfamilie Apioninae), no.3/5, p.41-65.

La Plata. Universidad nacional. Museo. Notas ... Zoologia, v.5, 1940; no.44, Dec.28; no.45, Dec.29.

Bruch, C. Miscelaneas entomológicas. V. [pt.]1. Observaciones biológicas sobre "Dilophus similis" Rondani (Diptera Bibionidae), no.44, p.[307]-315, illus.; [pt.]2. Descripción de un nuevo histerido mirmecófilo Reninus breyeri n. sp., no.44, p.315-318, illus.
Moreno, A. Glándulas odoríferas en Paradoxomorpha (Orthopt. Phasm.), no.45, p.[319]-323, illus.

Leningrad. Institut rastenievodstva. Vestnik sotsialisticheskogo rastenievodstva (Moscow), no.3, 1940.

Chesnokov, P. G. Resistance of species and varieties of crop plants to insect pests. (Various kinds of resistance and their significance in a struggle against losses), p.131-144. Literatura, p.143-144. Text in Russian. English summary, p.143.

Linnean society of New South Wales. Sydney. Proceedings, v.65, pts.5-6, Dec.16, 1940.

Gunther, C. E. M. Notes on the synonyms of Trombicula minor Berles 1904, p.477-478. References, p.478.
Hardy, G. H. Miscellaneous notes on Australian Diptera. VII. On body-colour; and on species of Tabanidae, Cyrtidae and Asiloidea, p.484-493. References, p.493.
Turner, A. J. Revision of Australian Lepidoptera. Oecophoridae. IX, p.421-446.

London. Royal entomological society. Proceedings, Ser. A. General entomology, v.16, pts.1-3, Mar.15, 1941.

Bolwig, N. The head of Scatophila unicornis Czerny (Diptera), p.[1]-10, illus. References, p.10.
Hinton, H. E., and Stephens, F. L. Notes on the food of Micropeplus, with a description of the pupa of M. fulvus Erichson (Coleoptera, Micropeplidae), p.29-32, illus.
Kalmus, H., and Mayer, A. E. The shape and distribution of the facets in an arthropod's eye and systems of points on the sphere, p.15-20, illus. References, p.20.
Reid, J. A. Mating and oviposition in Cnephasia chrysanthaneana (Dup.) (Lepidopt., Tortricidae), p.24-28.
Wigglesworth, V. B. The effect of pyrethrum on the spiracular mechanism of insects, p.11-14, illus. References, p.14.

London. Royal entomological society. Proceedings, Ser. B. Taxonomy, v.10, 1941; pt.1, Jan.15; pt.2, Feb.15; pt.3, Mar.15.

Corbet, A. S. The Linnaean names of Indo-Australian Rhopalocera.

Part I, pt.1, p.8-16; Part 2, pt.2, p.17-27; A revision of the Malayan species of Horaga Moore (Lepidoptera: Lycaenidae), pt.3, p.46-50, illus.

London. Royal society. Proceedings, Ser. B. Biological sciences, v.129, no.857, Dec.31, 1940.

Mackenzie, K., and Muller, H. J. Mutation effects of ultra-violet light in Drosophila, p.491-517. References, p.516-517.

Louisiana. Dept. of conservation. Louisiana conservation review (New Orleans, La.), v.10, no.1, Spring, 1941.

Christian, M. B. Biology of the powder-post beetles, Lyctus planicollis Leconte and Lyctus parallelopipedus (Melsh.). Part II, p.40-42, illus. Literature cited, p.42.

Malaria institute of India. Calcutta. Journal, v.3, no.4, Dec. 1940.

Chopra, R. N., Roy, D. N., and Ghosh, S. M. Action of pyrethrum on mosquito larvae, p.457-463. References, p.463; Blumea densiflora and Artemisia vulgaris: their insecticidal and larvicidal properties, p.495-498. References, p.498.

Mondal, R. S. The species control of a hill-stream by training, p.465-474, illus. [Anopheles spp.]

Roy, D. N. A study of the bionomics of Anopheles subpictus and Anopheles annularis, p.499-507, illus. References, p.507.

Russell, P. F., and Knipe, F. W. Malaria control by spray-killing adult mosquitoes. Second season's results, p.531-541, illus. References, p.541.

Russell, P. F., and Ramachandra Rao, T. Natural malaria infections in some south Indian anophelines, with special reference to A. culicifacies, p.543-562. References, p.561-562.

Russell, P. F., and Ramanatha Rao, H. The Anopheles of ricefields in south-eastern Madras, p.427-446, illus. References, p.446.

Senior White, R., and Adhikari, A. K. On malaria transmission in the eastern Satpura ranges, p.383-411, illus. References, p.411.

Senior White, R., and Appal Narayana, P. On malaria transmission in the Singhbhum hills. Part II. An experiment with trap-nets, p.413-425. References, p.425.

Venkat Rao, V., and Ramakrishna, V. A note on the larva of A. varuna (Iyengar), p.509-512. References, p.512.

Malayan agricultural journal (Kuala Lumpur), v.29, no.4, Apr. 1941.

[MacDonald, M.] Use of derris in the war on lice, p.170.

Malayan forester (Kuala Lumpur), v.10, no.2, Apr. 1941.

Browne, F. G. The economic importance of Malayan ambrosia beetles, p.59-64. References, p.64.

Medical association of Formosa. Journal, v.40, 1941; no.3, Mar.; no.4, Apr.

Omori, N. Comparative studies on the ecology and physiology of common and tropical bed bugs [Cimex lectularius; Cimex hemipterus], with special reference to the reactions to temperature and moisture, no.3, p.555-636, illus.; no.4, p.647-729. Literature, p.656-660. Appendix tables, p.661-729.

[Mexico]. Secretaría de agricultura y fomento. Dirección general de agricultura. Boletín defensa agrícola (Torreón, Coah., Mexico), no.4, May 1941.

Rodríguez, O. P. Ponemos en un plan definitivo y practicable, dc erradicación del gusano rosado en la Comarca Lagunera, p.7-14, illus.; "La pulga saltona" (flea hopper), plaga del algodonero, p.15-19.

Mexico (City). Escuela nacional de ciencias biológicas. Anales, v.2, año de 1940, no.1, 1941.

Hoffman, W. A. The distribution of Schistosoma mansoni in the Western Hemisphere, p.[89]-90. Spanish translation: La distribución de Schistosoma mansoni en el Hemisferio Occidental, p.[91]-93.

Military surgeon (Washington, D. C.), v.88, 1941; no.5, May; no.6, June.

Amberg, S., and Brunsting, L. A. The relief of pruritus by benzoyl persulfide, especially in dermatitis from poison ivy and in insect bites, no.6, p.617-621. References, p.621.

Browne, R. W. Fly control, no.5, p.546-548, illus.

Mitteilungen für die landwirtschaft (Berlin), v.55, no.52, Dec.28, 1940; v.56, no.19, May 10, 1941.

Kaufmann, O. Welche gefahr droht dem raps durch den rapserdfloh?, v.55, no.52, p.968-970.

Nicolaisen, W. Anbau- und züchtungsprobleme bei raps und rübsen, v.56, no.19, p.371-373. (Schluss folgt.)

Mysore agricultural & experimental union. Journal (Bangalore), v.18, no.2, Oct.-Dec. 1939.

Subramaniam, T. V. Sugarcane borers and their control in the Mysore State, p.64-68.

Nachrichtenblatt für den Deutschen pflanzenschutzdienst (Berlin-Dahlem). v.20, no.4, Apr.1, 1940.

Jancke, O. Knospenschäden durch Rhynchites bacchus L., p.[17]-19, illus. Schrifttum, p.19.

Mühle, E. Zwei laufkäfer als neue schädlinge im deutschen grasamenbau, p.19.

Natural history (New York), v.48, no.1, June 1941.

Knight, P. The return of a native [periodical cicada], p.32-[35], illus.

Naturaliste canadien (Quebec), v.68 (ser.3, v.12), 1941; no.4, Apr.; no.5, May.

Daviault, L. La chrysomèle du saule [Calligrapha multipunctata var. bigsbyana Kby.] (fin), no.4, p.[89]-111, illus. Bibliographie, p.111.

Naturaliste canadien (continued)

Ouellet, J. Additions au catalogue des diptères du Québec, no.5, p.[121]-141.

Nature (London), v.147, 1941; no.3728, Apr.12; no.3732, May 10.

Kalmus, H. Relation between colour and permeability of insect cuticles, no.3728, p.455. [Drosophila spp.]

Smith, G. E. Malaria in war, no.3732, p.576-577.

Wigglesworth, V. B. Malaria in war, no.3728, p.436-439. Bibliographical footnotes.

Nature notes; the magazine of outdoor information (Peoria, Ill.), v.8, no.5, May 1941.

Abbott, C. E. The crested assassin [Arilus cristatus], p.143-144, illus.

Nederlandsch-Indische entomologische vereeniging. Entomologische mededeelingen van Nederlandsch-Indië (Buitenzorg, Java), v.7, no.1, Apr.1, 1941.

Toxopeus, L. J. Entomologische notities uit Nieuw-Guinea, p.13-18, illus.

New England journal of medicine (Boston), v.224, no.24, June 12, 1941.

Getting, V. A. Equine encephalomyelitis in Massachusetts; an analysis of the 1938 outbreak, a follow-up of cases and a report of a mosquito survey, p.[999]-1006, illus. References, p.1006.

New England naturalist (Boston), no.10, Mar.-June 1941.

Holway, R. T. A tunnel that was built in a day [by termites], p.19-23, illus.

New Guinea agricultural gazette (Canberra), v.7, no.2, May 1941.

Froggatt, J. L., and O'Connor, B. A. Insects associated with the coco-nut palm. Part II. [Hispidae], p.125-133. References..., p.133.

New York entomological society. Journal (Lancaster, Penn.), v.49, no.2, June 1941.

Haskins, C. P. Note on the method of colony foundation of the ponerine ant Bothroponera soror Emery, p.211-216. Bibliography, p.216.

Lafleur, L. J. Communal disaffection in ants, p.199-204.

McCoy, E. E., and Carver, C. W. A method for obtaining spores of the fungus Beauveria bassiana (Bals.) Vuill. in quantity, p.205-210, illus. Literature cited, p.209-210.

Tinkham, E. R. Biological and faunistic notes on the Cicadidae of the Big Bend region of Trans-Pecos Texas, p.165-[183], illus. Bibliography, p.181-182.

Weiss, H. B., Soraci, F. A., and McCoy, E. E., Jr. Additional notes on the behavior of certain insects to different wave-lengths of light, p.149-[159], illus.

North western naturalist (Arbroath, Scotland), v.15, no.4, Dec. 1940.

Wright, A. E. List of Syrphidae of North Lancashire and South Westmoreland, p.242-247.

Notulae entomologicae (Helsingfors, Finland), v.21, no.1, 1941.

Frey, R. Die gattungen und arten der dipterenfamilie Celyphidae, p.3-16, illus. Literatur, p.16.

Ohio journal of science (Columbus), v.41, no.3, May 1941.

Spencer, W. P. Ecological factors and *Drosophila* speciation, p.190-200. Bibliography, p.200.

Pan American sanitary bureau. Washington, D. C. Bulletin, v.20, no.4, May 1941.

Macchiavello, A. Investigaciones sobre peste en el nordeste Brasileño, p.441-466. English summary, p.463-466.

Pan-Pacific entomologist (San Francisco), v.17, no.2, Apr. 1941.

Barr, W. F. Distributional notes and new records of *Acmaeodera* (Coleoptera, Buprestidae), p.62-69.

Bohart, G. E. The oviposition of conopid flies upon smaller andrenid bees, p.95-96.

Drews, E. A. Aphididae of Nevada with a new genus and species [*Nevadaphis sampsoni* Drews n. sp.], p.59-61, illus. References, p.61.

Reeves, W. C. The genus *Orthopodomyia* Theobald in California (Diptera, Culicidae), p.69-72. References, p.72.

Wood, S. F. Notes on the distribution and habits of reduviid vectors of Chagas' disease in the southwestern United States (Hemiptera, Reduviidae), p.85-94. (To be continued in next number.)

Parasitology (London), v.33, no.1, Mar., 1941.

Cameron, E. The biology and post-embryonic development of *Opius ilicis* n. sp., a parasite of the holly leaf-miner (*Phytomyza ilicis* Curt.) p.8-39, illus. References, p.38-39.

Haddow, A. J. The influence of nutrition on egg-production and longevity in unmated female body-lice (*Pediculus humanus corporis*: Anoplura), p.40-46, illus. References, p.46.

Smith, K. M. Some notes on the relationship of plant viruses with vector and non-vector insects, p.110-116, illus. References, p.116.

Varley, G. C. On the search for hosts and the egg distribution of some chalcid parasites of the knapweed gall-fly, p.47-66, illus. References, p.65-66.

Wigglesworth, V. B. The sensory physiology of the human louse *Pediculus humanus corporis* De Geer (Anoplura), p.67-109, illus. References, p.107-109.

Peking natural history bulletin (Peiping), v.15, pt.3, Mar. 1941.

Hu, S. M. K. Studies on the susceptibility of Shanghai mosquitoes to experimental infection with *Microfilaria malayi* Brug. IV. *Culex vorax* Edwards, p.215-216. Literature, p.216.

Liu, C. L. Beginnings of a North China pest survey, p.225-234.

Pests (Kansas City, Mo.), v.9, 1941; no.5, May; no.6, June.

Geiger, J. C. Pest control and public health, no.5, p.16-17.

Sweetman, H. L. The pest thysanurans of New England, no.6, p.8-9, 25.

Weiss, H. B. The family Dermestidae - pests of the household, warehouse and museum, no.5, p.8-11, 27, illus.

Philippine journal of agriculture (Manila), v.11, no.4, 1940.

Otanés, F. Q. Notes on the oriental migratory locust (Locusta migratoria manilensis Meyen) with special reference to its solitary phase and breeding place or outbreak area, p.331-353, illus. Literature cited, p.351-352.

Otanés, F. Q., and Karganilla, L. T. Insect and other pests of corn, p.403-430, illus. References, p.427-428.

Philippine journal of forestry (Manila), v.3, no.3, 1940.

Varian, H. F., and Gallardo, A. C. Notes on the susceptibility to insect attack of Philippine woods, p.347-[380], illus. Literature cited, p.378.

Photo technique (New York, N. Y.), v.3, no.6, June 1941.

Brubaker, L. H. Insect photography, p.34-37, illus.

Der praktische desinfektor (Dresden), v.32, no.4, Apr. 1940; v.33, 1941; no.3, Mar.; no.4, Apr.

Hase, A. Ueber spuren, ausspüren und sammeln von ungeziefer, v.32, no.4, p.[33]-36. (Schluss folgt.)

Martini, E. Seuchenverhütung in den tropen, v.33, no.4, p.37-40.

Müller, E. W. A. Die bekämpfung der pharao-ameise, v.33, no.3, p.25-30. [References cited], p.30.

Progrès agricole et viticole (Lyon), v.123 (Année 62), 1941; no.14, Mar.30; no.15, Apr.13; no.16, Apr.20.

Buchet, G. Syndicats de défense contre les ennemis des plantes culti-vées, no.15, p.246-249.

Delmas. Quelques ennemis des arbres fruitiers, no.14, p.232-233, illus.; no.15, p.250-252.

Favard, P.-G. Bruches, charançons et vrillettes; parasites de nos réserves alimentaires (suite). II. Charançons et vrillettes, no.16, p.280-283.

Public health (London), v.54, no.7, Apr. 1941.

Infestation by lice, p.103-104.

Queensland agricultural journal (Brisbane), v.55, pt.4, Apr.1, 1941.

Veitch, R. The lantana leaf bug [Agromyza lantanae Froggatt] in Queensland, p.270-272.

The control of meat ants, p.327.

Revista de agricultura, Organo oficial de la Secretaría de agricultura (Havana, Cuba), v.23-24, no.16, Apr. 1940-Apr. 1941.

Ferrer y del Castillo, V. L. Consejos para el mejoramiento de los terneros y de la industria lechera en Cuba, p.144-155, illus. Obras consultadas, p.155.

Scaramuzza, L. C. La introducción de la mosca del Amazonas [Metagonistylum minense Towns.], p.102-103.

Zayas, I. de. La araña peluda "da" la zarza [Eurypelma spinicrus Lat.], y la avispa [Polistes cubensis S.], la jía, p.119-121, illus.

Revista de medicina tropical y parasitología, bacteriología, clínica y laboratorio (La Habana), v.7, no.1/2, Jan./Apr. 1941.

Nájera Angulo, L. Descripción de un dispositivo nuevo para la cría de *Phlebotomus*, p.8-12, illus. Bibliografía, p.11-12.

Osorio, J. M. Un nuevo hospedero en Cuba de *Euplectrus platyhypenae* (Chalcidae-Elachertidae), p.15-16, illus.

Revista industrial y agrícola de Tucumán (Tucumán), v.30, no.7-9, July-Sept. 1940.

Hayward, K. J. El pulgón verde de los cereales ("Toxoptera graminum" Rondani), p.176-179, illus. Bibliografía, p.179; La "lagarta rosada" del algodonero (*Pectinophora gossypiella* Saunders), p.183-189, illus. Bibliografía, p.189; El papel de la entomología en la agricultura, p.190-194.

Kreibohm de la Vega, G. A. Contribución al conocimiento de algunos enemigos naturales de la oruga de la hoja del algodonero ("Alabama argillacea" Hüb.). Lucha biológica, p.163-171, illus. Bibliografía, p.171.

Revue horticole, apicole, avicole, tunisienne (Tunis), v.38, no.380, Mar. 15, 1941.

Delanoue, Les méthodes de lutte contre les insectes des arbres fruitiers, p.27-28. (Suite et fin.)

Revue suisse de zoologie (Ginebra), v.48, no.1, Feb. 1941.

Bovey, P. Contribution à l'étude génétique et biogéographique de *Zygaena ephialtes* L., p.1-90, illus. Bibliographie, p.85-88.

Matthey, R. Etude biologique et cytologique de *Saga pedo* Pallas (Orthoptères-Tettigoniidae), p.91-142, illus. Bibliographie, p.137-140.

Rhodesia agricultural journal (Salisbury), v.38, no.4, Apr. 1941.

Ross, G. R., and Aylen, D. Erosion and malaria. Measures which control both evils, p.173-191, illus.

Rochester academy of science, Rochester, N. Y. Proceedings, v.8, no.1, May 15, 1941.

Buck, J. B. Studies on the firefly. III. Spectrometric data on thirteen Jamaican species, p.14-21, illus. Literature cited, p.21.

Royal agricultural society of England. London. Journal, v.101, pt.2, Mar. 1941.

Stewart, W. L. The sheep tick [*Ixodes ricinus*], p.57-62.

Royal army medical corps. Journal (London), v.76, no.3, Mar. 1941.

Bennett, R. A portable disinfector, p.171-173, illus.

Royal society of New Zealand, Wellington. Transactions and proceedings, v.70, pt.4, Mar. 1941.

Salmon, J. T. The collembolan fauna of New Zealand, including a discussion of its distribution and affinities, p.282-431, illus.

Selected bibliography, p.426-431.

Royal society of Victoria. Melbourne. Proceedings, n.s. v.52, pt.1, Mar.1, 1940.

Lindsay, E. The biology of the silverfish, *Ctenolepisma longicaudata* Esch. with particular reference to its feeding habits, p.[35]-83, illus. References, p.78.

São Paulo (City). Universidade. Faculdade de filosofia, ciências e letras. Boletin 19, Zool. no.4, 1940.

Marcus, E. Os Pantopoda brasileiros e os demais sul-americanos, p.[3]-144, illus. Bibliographia, p.131-140.

Schweizerische entomologische gesellschaft. Mitteilungen (Bern), v.18, no.3, Sept.15, 1940; no.4/5, Jan.15, 1941. (no.4/5, p.293-312 is also Bulletin de la Société lépidoptérologique de Genève. Année 1939.)

Bertin, G. Expérience sur *Vanessa urticae*, no.4/5, p.307-311.

Bouvier, G. Quelques observations biologiques sur les tabanidés, no.4/5, p.280-285, illus.

Geigy, R., and Zinkernagel, R. Beobachtungen beim aufbau einer technischen grosszucht der kleidermotte (*Tineola biselliella*), no.4/5, p.213-232, illus. Literaturverzeichnis, p.232.

Lotmar, R. Das mitteldarmepithel der raupe von *Tineola biselliella* (kleidermotte), insbesondere sein verhalten während der häutungen.

Anhang: *Tineola biselliella* als wirtstier einer mikrosporidie (gattung Nosema?), no.4/5, p.233-248, illus. Literaturverzeichnis, p.247-248.

Schneider, F. Schadinsekten und ihre bekämpfung in ostindischen gambirkulturen, no.3, p.[77]-207, illus. Literatur, p.207.

Schweizerische zeitschrift für forstwesen. Organ des Schweizerischen forstvereins (Bern), v.92, no.4/5, Apr./May 1941.

Schneider, F. Exkursionen im sumatraniischen regenwald, p.[89]-101, illus.

Schweizerische zeitschrift für obst- und weinbau (Wädenswil), v.50, no.8, Apr.12, 1941.

Wiesmann, R. Der wert der fanggürtel im kampf gegen den heu- und sauerwurm, p.158-163, illus.

Science society of China. Shanghai. Biological laboratory. Contributions... Zoological series, v.15, no.1, June 1940.

Miao, C. P. Study of some forest insects of Nanking and its vicinity Part IV. Observations on the pine moth (*Dendrolimus punctata* Walker), p.1-16, illus.

Scientific agriculture (Ottawa), v.21, no.9, May 1941.

Monro, H. A. U., and Delisle, R. Fumigation of wet cotton with methyl bromide, p.584-587.

Scientific monthly (Lancaster, Penn.), v.52, no.6, June 1941; v.53, no.1, July 1941.

Andrews, E. A. Ant mounds in summer woods, v.52, no.6, p.530-533, illus. Hausman, S. A. Leaf-mining insects, v.53, no.1, p.73-75, illus.

Scottish journal of agriculture (Edinburgh), v.23, no.2, Jan. 1941.
Cameron, A. E. War on insect pests, p.169-178.

Sinensis (Nanking, China), v.11, nos.3/4, Apr. 1940.
Chen, S. H. On the Coleoptera Chlamydinae of China, p.189-205.

Sitios e fazendas (São Paulo), v.6, 1941; no.4, Apr.; no.5, May.
Araujo, R. L. Brocas de plantas citricas, no.5, p.58-61, illus.
Brandaõ, J. S., filho. Uma bróca do mate, no.4, p.40-41, illus.
[*Hedypathes betulinus*.]
Pupo Nogueira, J. V. Novos rumos no combate a's formigas [*Atta*, spp.], no.4, p.61-65, illus. Literatura, p.65.
Santos, E. Como combater os parasitas que atacam as aves domesticas. Malofaga..., no.4, p.17-19, illus.
Toldi, E. Como combater as molestias do bicho da seda, no.4, p.53-54, illus.

Soap (New York), v.17, no.6, June 1941.

Cox, A. J. Insecticide coloration; economic poisons, the prevention of their misuse by distinctive coloration and other warnings, p.123, 125, 127, 135.

Landini, H., and Sweetman, H. L. Roach control; a study of the relative efficiency of various commonly used insecticide dusts against roaches, p.129, 131, 133, 135.

Société de biologie. Paris. Comptes rendus, v.134, no.8, Dec. 1940.

Colas-Belcour, J. Sur l'importance numérique de la ponte de l'ornithodore hispano-africain, Ornithodoros erraticus Lucas, p.544-545.

Société des naturalistes de Moscou. Bulletin. Section biologique, new ser., v.49, no.3/4, 1940.

Alpatov, V. V. Contribution to the study of variation in the honey bee. VII. On the geographical variation of queens and drones, p.[87]-99, illus. Literatura, p.97-98. Text in Russian. English summary, p.98-99.

Dementiev, G. P., and Ptuschenko, E. S. Die ausbreitung und die geographische verbreitung der weidenammer Emberiza aureola Pallas, p.[115]-122. Text in Russian. German summary, p.121-122.

Schmelev, A. W. Duration of life of the wax moth (Galleria melonella L.) at different air humidities, p.[217]-220, illus. Literatura, p.220. Text in Russian. English summary, p.220.

Serenkov, G., Smirnova, N., and Tchernykh, N. Recherches biochimiques sur les matières alimentaires du ver à soie Antheraea pernyi Guér., p.[17]-28. Literatura, p.28. Text in Russian. French summary, p.28.

Société entomologique de France. Paris. Bulletin, v.45, no.8, Oct.23, 1940.

Berland, L. Remarques sur la répartition géographique d'une araignée: Ostearius melanopygius Cb., p.90-92. Ouvrages cités, p.92.

Grassé, P.-P., and Poisson, R. Recherches sur les insectes termitophiles. I. Une nouvelle espèce de Termitodiscus (Col. Staphylinidae) et son éthologie, p.82-90, illus. Travaux consultés, p.90.

Société Linnaéenne de Lyon. Bulletin mensuel, v.10, no.3, Mar. 1941.

Roman, E. Sur quelques moucherons piqueurs de la région lyonnaise appartenant au genre Culicoides (Diptères, Ceratopogonidés), p.38-39.

Society for experimental biology and medicine. New York. Proceedings, v.47, no.1, May 1941.

Wheeler, C. M., and Douglas, J. R. Transmission studies of sylvatic plague, p.65-66.

South African veterinary medical association. Pretoria. Journal, v.12, no.1, Mar. 1941.

Du Toit, R. A water-miscible livestock spray containing pyrethrum extract, p.35-37. References, p.37.

South Dakota academy of science. Vermilion. Proceedings, v.20, 1940.

Kucera, W. G. Oxygen consumption in male and female fly, *Drosophila melanogaster*, p.131-134.

Spain. Estacion central de fitopatología agrícola, La Moncloa, Madrid.

Boletín de patología vegetal e entomología agrícola, v.9, 1940.

Benlloch, M. La fumigacion cianhidrica en los grandes depositos de trigo infestados por el gorgojo (Calandra granaria L.), p.40-50; La lucha contra la langosta; un metodo para determinar el limite economico del empleo de los cebos y de la gasolina en comparacion con el coste de la labor de invierno, p.138-144, illus.; Comprobacion de resultados en la fumigacion cianhidrica de naranjos, p.249-253; Insecticidas pulverulentos, p.254-257.

Bohorquez, R. Experiencias de lucha contra la mosca del olivo (Dacus oleae Gmel.) por medio de sustancias atractivas, p.188-204, illus.

Cañizo, J. del. Los tratamientos del viñedo (datos practicos), p.67-71; Recoleccion de tisanopteros, p.273-276, illus.

Cañizo, J. del, and Moreno, V. Ideas actuales sobre las plagas de langosta, p.107-137, illus. Bibliografia, p.132-137.

Canovas, C. La lucha biologica contra Ceratitis capitata Wied. y orientaciones para su aplicacion en España, p.72-106, illus. Bibliografia, p.104-106.

Gomez Clemente, F. Ensayos de multiplicacion de algunos insectos utiles importados, en especial de Trichogramma minutum Riley. parasito de la Cydia (Carpocapsa) pomonella L., p.31-39, illus. Bibliografia, p.38-39; El "barrenador" del arroz [Chilo simplex Butl.], p.51-66, illus. Bibliografia, p.66.

Gomez Clemente, F., and Planes, S. Aplicacion de la estadistica matematica a las experiencias de lucha contra la Ceratitis capitata con cazamoscas de vidrio, p.277-297. Bibliografia, p.297.

Morales Agacino, E. Los Gryllotalpinae de España, p.212-233, illus. Bibliografia, p.227-233.

Moreno Marquez, V. La langosta y las roturaciones, p.145-153. Bibliografia, p.153; Seis formulas de cebo contra la langosta, p.154-161, illus.

Pequeño, L. El embolsado de molocotones como medio de defensa contra la Ceratitis capitata Wied., p.268-272, illus.

Spain. Estac. cent. de fitopatol. agr. Boletin... (Continued)
Rodriguez Sardina, J. Acerca de la "blanqueta" del pimiento (nota preventiva), p.[1]-8, illus.

Urquijo, P. Una plaga de Lema melanopa L. en trigos de Galicia, p.263-267, illus.

Taihoku imperial university. Taihoku, Formosa, Japan. School of agriculture and forestry. Bulletin, no.2, Mar. 1941.
Mitono, T. Monography of Clytini in the Japanese Empire (Cerambycidae, Coleoptera). Part I, p.74-119, illus. Text in English.

Tennessee academy of science. Journal (Nashville), v.16, no.2, Apr. 1941.
Mortimer, M. F. The life history and control of the pine tip moth, Rhyacionia frustrana (Comstock), (family: Tortricidae) at Nashville, Tennessee, p.190-206, illus. Bibliography, p.205-206.

Tijdschrift over plantenziekten (Wageningen), v.47, no.1, Jan./Feb. 1941.
Doyer, L. C. De beteekenis van het zaad als overbrenger van ziekten en plagen in groentegewassen, p.[14]-24, illus. Literatuur, p.23. [Bruchus spp.]
Spoon, I. W. Derrisvoorziening in 1941, p.[32]-34. Bibliographical footnotes.

Tropical agriculture (St. Augustine, Trinidad), v.18, no.6, June 1941.
Callan, E. McC. The gall midges (Diptera, Cecidomyiidae) of economic importance in the West Indies, p.117-127, illus. References, p.127.

Tropical agriculturist (Peradeniya, Ceylon), v.96, no.1, Jan. 1941.
Jayaratnam, T. J. A study of the control of the coconut caterpillar (Nephantis serinopa Meyr.) in Ceylon with special reference to its eulophid parasite, Trichospilus pupivora Ferr., p.3-21, illus. References, p.21.

Tropical diseases bulletin (London), v.38, no.4, Apr. 1941.
Wilcocks, C. Summary of recent abstracts. III. Malaria (continued from p.144), p.187-197.

De Tropische natuur (Batavia [Weltevreden], Java), v.30, no.3, Mar.8, 1941.
Meer Mohr, J. C. van der. Insecten, die door de karo-bataks gegeten worden, p.41-47, illus.

Die Umschau (Frankfurt-am-Main), v.44, no.18, May 5, 1940; v.45, 1941; no.12, Mar.23; no.13, Mar.30; no.15, Apr.13; no.19, May 11.
Fischel, W. Die häutung der spinnen, v.45, no.13, p.198-201.
Frankenberg, G. v. Schmetterlings-hochzeit, v.45, no.15, p.235-237, illus.
Goetsch, W. Die zuchtpilze der blattschneider-ameisen [Acromyrmex striatus], v.45, no.12, p.182-185, illus. ... Schrifttum, p.185.
Jancke, [O.] Derris in kampf gegen einen neuen erdbeerschädling [Rhynchites germanicus], v.44, no.18, p.282-283, illus.
Lattin, G. de. Höhlentiere und ihre entstehung, v.45, no.19, p.293-297, illus.

United States public health reports (Washington, D. C.), v.56, 1941:
no.17, Apr.25; no.20, May 15; no.23, June 6.
Cooley, R. A., and Kohls, G. M. Further new species of Ornithodoros from bats (Acarina: Argasidae), no.17, p.910-914, illus.
Daggy, R. H., Muegge, O. J., and Riley, W. A. A preliminary survey of the anopheline mosquito fauna of southeastern Minnesota and adjacent Wisconsin areas, no.17, p.883-895, illus. References, p.895.
Hewitt, R., and Kotcher, E. Observations on household anophelism in a selected group of mosquito-proofed and non-mosquito-proofed homes, no.20, p.1055-1061, illus. References, p.1061.
Le Van, J. H. Methods for controlling Aedes aegypti mosquitoes with Gambusia holbrooki minnows at Key West, Florida, no.23, p.1217-1221, illus. References, p.1221.

Uruguay. Dirección de ganadería. Boletin mensual (Montevideo), v.24, no.4, Oct./Dec. 1940.

Calzada, V. Sobre acariosis de los canarios, p.437-442, illus.
Calzada, V. C. Sobre existencia de Dermatobia cyaniventris, p.430-436, illus.
Rubino, M. C., and Calzada, V. La piojera de los animales; medios y formas de combatirla, p.409-425, illus.
Ley para la erradicacion de la garrapata, p.388-395.

Washington. Entomological society. Proceedings, v.43, no.3, Mar. 1941.
Bates, M. Field studies of the anopheline mosquitoes of Albania, p.[37]-58, illus. References, p.57-58.

Wiener entomologen-verein. Zeitschrift, v.26, 1941; no.3, Mar.15; no.4, Apr.15.

Froreich, von. Über südliche rassen des schwarzen bärenspinners (Arctia villica L.) und deren zucht, no.3, p.70-76, illus.
Gornik, F. Erklärende bemerkungen über massenzuchten von Pieris bryoniae O., no.4, p.[97]-99.
Lunak, R. Die lebensweise von Ocnogyna parasita Hb. und ihre biotype, no.3, p.[65]-70.
Sterneck, J. von. Versuch einer darstellung der systematischen beziehungen bei den palaearktischen Sterrhinæ (Acidaliiæ). Studien über Acidaliiæ (Sterrhinæ) VIII. II. Teil: Die gattung Scopula und deren nahe verwandte, no.4, p.105-116.
Urbahn, E. Die jugendstände von Boarmia arenaria Hufn. (angularia Thnbg., Lep. Geom.), no.3, p.81-84. illus.

Zeitschrift für das gesamte getreidewesen (Berlin), v.28, no.4, Apr. 1941.
Peters, G., and Ganter, W. Fortschritte der kornkäferbekämpfung, p.57-58.

Zeitschrift für morphologie und ökologie der tiere (Berlin), v.37, no.3, Apr.2, 1941.

Peus, F. Über krähenflöhe und krähen, p.[426]-454, illus. Literatur, p.454.
Schulze, P. Das geruchsorgan der zecken. Untersuchungen über die abwandlungen eines sinnesorgans und seine stammesgeschichtliche bedeutung, p.[491]-564, illus. Schrifttum, p.563-564.

Zeitschrift für obst-, wein- und gartenbau (Dresden), v.67, no.5,
May 1, 1941.

Noll, J. Maikäferbekämpfung mit stäubemitteln, p.57-58, illus.

Zeitschrift für pflanzenkrankheiten (pflanzenpathologie) und pflanzen-
schutz (Stuttgart), v.51, 1941; no.3, Mar.; no.4, Apr.

Hazeborg, A. ter. Versuche zur weiteren ausgestaltung des rapsglanz-
käfer-fangapparats "bume," no.4, p.192-201, illus. Schrifttum,
p.200-201.

Müller, K. Das erscheinen der überwinterten kartoffelkäfer im früh-
jahr in seinen beziehungen zur bodentemperatur, no.3, p.139-146,
illus. Schrifttum, p.145-146.

Müller-Kögler, E. Beobachtungen über das verpilzen von forleulen-
raupen durch Empusa aulicae Reich., no.3, p.124-135, illus.
Schrifttum, p.134-135.

Pape, H. Tausendfuss-schäden an steckrüben, no.3, p.135-139, illus.
Schriftenverzeichnis, p.138-139.

Trägardh, I. Neuere bestrebungen in der schwedischen forstentomologie,
no.3, p.[113]-123.

Zeitschrift für vergleichende physiologie (Berlin), v.28, no.4, Apr.19,
1941.

Harnisch, O. Untersuchungen über erholungsatmung und anaeroben
stoffwechsel der larve von *Tenebrio molitor*, p.[428]-456. Litera-
turverzeichnis, p.456.

Schremmer, F. Versuche zum nachweis der rotblindheit von *Vespa rufa*
L., p.[457]-466, illus. Literaturverzeichnis, p.466.

Zeitschrift für wissenschaftliche zoologie (Leipzig), Abt. A, v.154, no.2,
Feb. 1941.

Mazek-Fialla, K. Die körpertemperatur poikilothermer tiere in
abhängigkeit von kleinklima, p.170-246, illus. Schrifttum, p.245-
246.

Zentralblatt für bakteriologie, parasitenkunde und infektionskrankheiten
(Jena). Abt. II. Allgemeine, landwirtschaftliche, technische, nahrungs-
mittelbakteriologie und mykologie..., v.103, no.15/17, Apr.3, 1941.

Borchert, A. Über eine den wachsmottenlarven (*Galleria mellonella* L.)
schädliche bazillenart. (Vorläufige mitteilung), p.311-313.

Zoologische jahrbücher (Jena). Abteilung für anatomie und ontogenie der
tiere, v.66, no.3, May 1, 1940. (Received May 5, 1941.)

Henrici, H. Die hautdrüsen der landwanzen (*Geocorisae*), ihre mikro-
skopische anatomie, ihre histologie und entwicklung. Teil II. Die
thorakalen stinkdrüsen, p.[371]-402, illus. Literaturverzeichnis,
p.401.

Jentsch, S. Zur morphologie des gehirns und der lichtsinnesorgane der
Psocopteren, p.[403]-436, illus. Literaturverzeichnis, p.434-435.
(Nr. 10 der "Beiträge zur kenntnis der überordnung Psocoidea.")

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This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.

BOOKS

American Association for the Advancement of Science. Section on Medical Sciences.

A symposium on human malaria with special reference to North America and the Caribbean Region... ed. by F. R. Moulton. 398p. illus. Washington, D. C., American association for the advancement of science, 1941. References cited, p.371-398. (Pub. no.15.)

American Association of Economic Entomologists. Eastern Branch.

Entoma. Fourth edition. A directory of insect pest control... ed. by C. C. Hamilton. 195p. [Plainfield, N. J.], Eastern branch of the American association of economic entomologists, 1941.

American Pomological Society.

Proceedings, fifty-sixth convention of the American pomological society, in joint session with Ontario fruit growers association, Hamilton, Ontario, Canada, January 15 to 17, 1941. 179p. illus. Geneva, N. Y., [etc.], 1941. Partial contents.- Baird, A. B. Biological control of insects in Canada, p.111-117; McLaine, L. S. Plant protection of interest to growers, p.118-122.

Argentine Republic. Dirección de Propaganda y Publicaciones.

Ley 12,566. Lucha obligatoria contra la garrapata. 5p. Buenos Aires, 1940. (Pub. misc. no.75.) At head of title: ...Dirección de ganadería - División de la garrapata.

Asociación de Técnicos Azucareros de Cuba.

Proceedings of the fourteenth annual conference... [1940]. 362p. illus. [La Habana, Cuba, Ucar, García y cía., printers], 1940. Partial contents.-Scaramuzza, L. C. Insects and other animals attacking sugar cane in Cuba, p.105-127, illus. Bibliography. p.123-127. Carrillo, S., and Alcebo, J. Artificial multiplication of "Lixophaga diazeae" in central "Cuba," for the control of the sugar cane moth borer "Diatraea saccharalis," p.129-134.

Berkman, S., and Egloff, G.

Emulsions and foams. 591p. illus. New York, Reinhold publishing corporation, 1941.

Bishop, H. J.

The bush locust (*Phymateus leprosus*) in the Eastern Cape Province. 8p. illus. Pretoria, Printed in the Union of South Africa by the Government printer, 1940. (So. Africa. Dept. agr. and forestry. Bul. 208 (Ent. ser. no.1.).)

Bronn, H. G.

Dr. H. G. Bronn's klassen und ordnungen des tierreichs. Bd.5, abt.3, buch 8; teil b.y.; bd.5, abt.4, buch 5, lfg.4. Leipzig, Akademische verlagsgesellschaft Becker & Erler Kom.-Ges., 1941. Contents.- abt.3, buch 8, teil b.y. Pflugfelder, O. Psyllina. 95p. illus. Schriftenverzeichnis, p.83-95; abt.4, buch 5, lfg.4. Vitzthum, H. G. Acarina 4, p.481-640.

Bryan, E. H., Jr.

Insects we see in Hawaii. 128pp. illus. Honolulu, Hawaii. Tongg publishing company, 1940.

Caesar, L.

Insects troublesome in the home. 52p. illus. Toronto, Ontario, Ontario department of agriculture, Statistics and publications branch, 1941. (Ontario. Dept. agr. Bul. 416.)

Carpenter, S. J.

The mosquitoes of Arkansas. Revised edition. 87p. illus. Little Rock, Ark., Arkansas state board of health, 1941. Literature cited, p.70-72.

Chester County Mushroom Laboratories, West Chester, Pa.

Manual of mushroom culture, by G. R. Rettew... O. E. Gahm... [and] F. W. Divine... 3d ed. 189p. illus. West Chester, Pa., Chester County mushroom laboratories, [c.1941]. Partial contents.- Chapter III: Diseases and pests of mushrooms, p.[114]-163.

Cregan, M. B.

Generic relationships of the Dolichopodidae (Diptera) based on a study of the mouth parts. 68p. illus. Urbana, Illinois, The

Cregan, M. B. (continued)

University of Illinois press, 1941. Bibliography, p.33-36
(Ill. biol. monog. v.18, no.1.)

Culbertson, J. I.

Immunity against animal parasites. 274p. illus. New York
Columbia University press, 1941.

Denmark. Statens Forsøgsvirksomhed i Plantekultur.

Beretning 337, 339. København, Trykt Hos Nielsen & Lydiche (Axel Simmelkiaer), 1940. Contents.- [no.] 337. Bovien, P., and Stapel, C. Forsøg med bekaempelse af blommehvepsen (*Hoplocampa fulvicornis*), p.[700]-737, illus. Litteratur, p.730. Text in Danish. English summary, p.729; [no.] 339. Bovien, P., and Stapel, C. Om derris og nogle forsøg med derrispræparater til bekaempelse af skadedyr, p.[39]-90, illus. Litteratur, p.83. Text in Danish. English summary, p.82-83. (Saertryk af Tidsskrift for planteavl. v.44-45.)

Duncan, J. E.

Practical points in sheep dipping, including the design and construction of sheep dipping baths. 33p. illus. Wellington, [1941]. (New Zeal. Dept. agr. Bul. no.181.) Reprinted from the New Zealand Journal of agriculture.

Eggert, B.

Morphologie und histophysiologie der normalen schilddrüse. 113p. illus. Leipzig, Johann Ambrosius Barth, verlag, 1938. Schrifttum, p.109-113. (Zwanglose abhandlungen aus dem gebiete der inneren sekretion herausgegeben von prof. dr. W. Berblinger, Davos. Band 3.)

Great Britain. Ministry of Agriculture and Fisheries.

Pests and diseases in the vegetable garden. Second edition. 19p. illus. London, 1941. ("Growmore" bul. no.2.)

Guyer, M. F.

Animal biology. Third edition. 723p. illus. New York; London, Harper & brothers, [cl941.]. Reference books, p.679-683.

Hartmann, M.

Geschlecht und geschlechtsbestimmung im tier- und pflanzenreich. 110p. illus. Berlin, Walter de Gruyter & co., 1939. (Sammlung Göschen. Band 1127.)

Hayhurst, H.

Insect pests in stored products... 83p. illus. London, Chapman & Hall ltd., 1940.

Illinois State Horticultural Society.

Transactions ... for the year 1940... v.74. 469p. illus. [Springfield, Ill.], Published by the Society, [1941]. Partial contents.-Flint, T. P., and Anderson, H. W. Directions for

Illinois State Horticultural Society. (continued)

spraying fruits in Illinois..., p.66-102, illus.; Ruth, W. A.
The evaluation of harvest sprays on apple crops, p.114-120.
Discussion, p.120-124; Chandler, S. C., and Flint, W. P. Fruit
insect studies of 1940, p.131-150; Ruth, W. A. The new tolerances
and how they affect us, p.150-154; Perrine, D. B. The pros and
cons of nicotine sprays in the apple schedule, p.159-164; Jones,
O. G. Leafhopper control by spraying and dusting, p.164-165;
Allison, J. H. The most practical program for leafroller control,
p.166-169. Discussion, p. 169-171.

Jackson, H. G.

Check-list of the terrestrial and fresh-water Isopoda of Oceania.
35p. Washington, 1941. References, p.25-31. (Smithsn. inst.
Misc. collect. v.99, no.8.)

Krogh, A.

The comparative physiology of respiratory mechanisms. 172p. illus.
Philadelphia, University of Pennsylvania press, 1941. Partial
contents.- Chap. VIII. Tracheal respiration.

Large, E. C.

The advance of the fungi. 488p. illus. New York, Henry Holt &
company, 1940. Bibliography, p.451-476.

Lea, A., and Nolte, M. C.A.

Laboratory experiments on poison baits for the brown and the red
locust [*Locusta pardalina* (Walker); *Nomadacris septemfasciata*
(Serville)]; 1937-38. 56p. Pretoria, Government printer, 1941.
Bibliography, p.56. (So. Africa. Dept. agr. and forestry. Sci.
bul. no.230 (Locust res. ser. no.9).)

Leningrad. Institut Zashchity Rastenii. (Institute for Plant Protection)

Summary of the scientific research work of the Institute of plant
protection for the year 1939. 183, [1]p. illus. Moscow,
Leningrad, 1940. Text in Russian. Partial contents.-

Arhangelski, N. N. A study upon the injurious corn bug *Eurygaster*
integriceps Put. in order to elaborate control measures against it,
p.26-35; Blumberg, G. V. The investigation of pyrethrum extracts
and new vegetative poisons, p.143-145; Broodnaia, A. A. The results
of elaboration and improvement of control methods for the protection
of grain in store against granary pests in kolkhoz (collective farm)
conditions, p.41-45; Holodniok, M. S., and Holodniok, I. C. The
study of the influence of admixtures, encountered in the preparation
"AB" on its toxic action, p.150-[152]; Kalashnikov, K. J. A study
upon pests and diseases of agricultural plants in the extreme north,
p.49-52; Kraiter, A. D. The elaboration of a standard of the
summer mineral oil for the control of pests on fruit cultures and
the results of applying preparations of winter oils, p.136-140;
Nikitin, I. B. The results of field tests of pyrethrum as a con-
trol measure against pests, p.140-143; Ostapets, A. P. The results
of the studying of grain crop diseases and pests in the Voronezh

Leningrad. Institut Zashchity Rastenii (continued)

region based on grassfield crop rotations, p.45-49; Piatnitzki, G. C. Ecological basis of the control measure against the beet-weevil on old beet fields, p.95-[104], illus.; Pospelov, V. P. Results of the utilization of fungus, bacterial and virus diseases as a control measure against agricultural pests, p.125-[129]; Predtshenski, S. A. A study on the conditions of the outbreaks of the locusts and grasshoppers in areas suitable for permanent development and the improvement of control measures against them, p.5-10; Prinz J. I. Elaboration and selection results of phylloxera resistant varieties of grapes and the working out of ecological indexes on phylloxera for the basing of phylloxera virulence and chemical control method, p.105-112; Sambin, I. M. and Karpova, A. I. A bioecological basis of chemical control measures against the frit fly (Oscinella frit), p.23-26; Sazonov, P. V. The elaboration of promotion methods of the effectiveness of insecticides, p.130-[135], illus.; Stark, V. N. A study upon the agrobiology of soil root pests (Elateridae, Melolonthinae, Tenebrionidae) in order to base destructive and prophylactic (!) control measures against them, p.26-34; Vassilliev, I. V. The results of investigations upon the pea weevil in 1939, p.35-[40], illus.

McLean, F. T.

The gladiolus. 197p. New York & London, Whittlesey House, [c.1941]. Disease and pests, p.83-92.

Macy, R. W., and Shepard, H. H.

Butterflies, a handbook of the butterflies of the United States, complete for the region north of the Potomac and Ohio rivers and east of the Dakotas. 247 p. illus. Minneapolis, The University of Minnesota press, [c1941].

Madel, W.

Schädlinge im bauholz, zusammenstellung der für die baupraxis wichtigen tierischen holzschädlinge... Zweite auflage. 95p. illus. Berlin, Wien, Leipzig, Otto Elsner verlagsgesellschaft, 1941.

Maryland Horticultural Society.

Proceedings of the forty-third annual meeting, 1941. 81p. illus. [n.p.], 1941. Partial contents.-Graham, C. New methods of codling moth control, p.33-37; Langford, C. S. What can the orchardist do to combat the Japanese beetle?, p.37-40; Cory, E. N. The European corn borer, p.40-42; Thurston, H. W., Jr. Reducing spray injury, p. 75-80.

Mauritius. Department of Agriculture.

Annual report for 1939. 33p. Port Louis, Mauritius, 1941.

Partial contents- Jepson, W. F. Entomological division, p.16-19.

Mills, H. B.

Two human diseases [Plague and Tularemia] which may be contacted from Montana rodents. [8]p. Helena, Montana, 1941. (Mont. St. bd. of ent. Misc. pub. no.1.)

Mohler, J. R., Kelser, R. A., and Way, C.

The relations of diseases in lower animals to human welfare.

39p. Philadelphia, University of Pennsylvania press, 1941.

New South Wales. Department of Agriculture.

Insect pests leaflet no. 67-69. Sydney, Thomas Henry Tennant, Government printer, 1941. Contents.- no. 67. Zeck, E. H. Insect pests of the kurrajong. 3p. illus.; no. 68. The white rose scale (*Aulacaspis rosae*). 2p. illus.; no. 69. The cottony cushion or fluted scale (*Icerya purchasi*). [1]p. illus.

Onstott, K.

Beekeeping as a hobby. 137p. New York and London, Harper & brothers, 1941.

Paramonov, S. J.

Fam. Bombyliidae (sous-fam. Bombyliinae). 413p. illus. Moscou, Leningrad, Edition de l'Académie des sciences de l'URSS, 1940. Text in Russian. (Faune de l'URSS... Insectes diptères vol. IX, no. 2.) At head of title: Institut zoologique de l'Académie des sciences de l'URSS. Nouvelle série no. 25.

Patterson, J. T. and others.

Studies in the genetics of Drosophila. Directed by J. T. Patterson. 256p. illus. Austin, University of Texas, 1940. Bibliographies interspersed. (Texas. Univ. Pub. no. 4032.)

Portugal. Direcção Geral dos Serviços Agrícolas.

Divulgação no. 4, ed. 3; no. 12, ed. 3. Lisboa, 1940. Contents.- no. 4, ed. 3. Bensaude, M., and Neves, M. A formiga argentina [Iridomyrmex humilis] e métodos para a combater. 3.a ed. 27, [1]p. illus.; no. 12, ed. 3. Caldas oleosas, modo de as preparar e de as aplicar. 3.a ed. 15p. illus.

Queensland. Department of Agriculture and Stock.

Annual report ... for the year 1939-40. 44p. Brisbane, A. H. Tucker, Government printer, 1940. Partial contents.- Smith, J. H. Report of the Entomological section, p.10-12.

Rapp, O. Ed.

Die bienen Thüringens unter besonderer berücksichtigung der faunistisch-ökologischen geographie auf grund der literatur und beobachtungen von Gustav Jänner in Gotha, Georg Müller in Kleinfurra, Dr. Heinrich Maertens in Naumburg, Curt Beer in Erfurt, prof. dr. Arthur Petry in Nordhausen und anderer entomologen. Bearbeitet von Otto Rapp in Erfurt. 170p. Erfurt, In Kommission bei Hans Goecke, Krefeld, 1938. Literaturverzeichnis, p.154-164. Arten mit literatur-citaten, p.164-166. At head of title: Die natur der mittel-deutschen landschaft Thüringen.

Reichsverband Deutscher Kleintierzüchter e.v. Reichsfachgruppe Seidenbauer e.v., Berlin.

Seidenbau in der schule; seine eingliederung in den unterricht... 40p. Berlin, Verlag Fritz Pfenningstorff, 1940.

Richards, A. G., Jr.

The noctuid moths of the Galapagos Islands from the collections of the Allan Hancock Foundation... The genus *Bulia* Walker in Mexico and Central America (Lepidoptera, Phalaenidae)... The male genitalia of *Epipomponia multipunctata* (Druce) (Lepidoptera, Epipyropidae)... p.233-[275], illus. Los Angeles, Calif., The University of Southern California press, 1941. (Allan Hancock Pacific expeditions, volume 5, numbers 6, 7, 8.)

Rostrup, S.

Vort landbrugs skadedyr, femte reviderede udgave ved Prosper Bovien og Mathias Thomsen. 400p. illus. København, Ejvind Christensen, 1940. Litteratur, p.[379]-394.

Simmonds, H. W.

Biological control of the rhinoceros beetle (*Oryctes rhinoceros* L.), 1939. 30p. illus. Wellington, N. Z., E. V. Paul, Government printer, 1941. References, p.30. (Fiji. Dept. agr. Bul. no.21)

Uruguay. Dirección de Agronomía.

[Cartillas] no.55. Enfermedades y plagas principales de la agricultura Uruguaya. 19p. Montevideo, República Oriental del Uruguay, 1941. Partial contents.- Plagas producidas por insectos, p.13-18.

Ward's Natural Science Establishment, Inc.

How to make an insect collection. [32]p. illus. Rochester, N. Y., Ward's natural science establishment, inc., 1940.

Weidner, H.

Lehrunterlage die verwanzte wohnung, Lebensweise und bekämpfung der bettwanze. 23p. illus. Berlin-Zehlendorf, Deutschen arbeitsfront, [n.d.] (Bestellnummer 839.)

PERIODICALS

Académie des sciences de l'URSS. Moscow. Institut zoologique. Magasin de parasitologie, no.8, 1940.

Blagoveshtchensky, D. J. Mallophaga from birds of the Talysh Lowlands, p.[25]-90, illus. Literatura, p.75-76. Text in Russian. English summary, p.76-90.

Pospelova-Strom, M. and Strom, J. On the parasites (!) fauna of animals chiefly local and migratory birds from Talysh (Transcaucasia), p.[7]-24. Text in Russian. English summary, p.24.

El Agricultor mexicana (Juárez), v.57, no.8, Aug. 1941.

Durán, J. J. Las aspersiones en el control de las plagas y enfermedades de las plantas, p. 33-40, illus.

El Agricultor venezolano (Caracas, Venezuela), v.5, no.59, Mar. 1941; v.5-6, no.60-61, Apr.-May 1941.

Miquilena H., J. B. Larva comedora del follaje del algodón - Alabama argillacea, v.5, no.59, p.33-35, illus.

Titulación de un bano garrapaticida, v.5-6, no.60-61, p.59-60, illus.

The agricultural bulletin, Palestine, Jan.-Mar. 1941.

Schweig, C. Experiments on control of grape berry moth. (*Polychrosis botrana*) attacking wine grapes, p.181-183.

Possible solution of the Capnodis root-borer problem, p.185-186.

Agricultura e pecuaria (Rio de Janeiro), v.9, no.219, June 1941.

Formiga saúva (*Atta sexdens*), p.21-24.

Agriculture; the journal of the Ministry of agriculture, Great Britain (London), v.48, no.1, June 1941.

Hobson, R. P. The control of sheep maggots, p.15-19.

Agronomia; revista mensual de agricultura científica, industrias e intereses generales (la Habana), ser.2, v.1, no.5, May 1941.

Osorio, J. M. La mosca blanca de la fruta bomba [*Asterochiton variabilis*, Quaint.], p.130-132, illus.

Akademii sel'skokhoziaist-vennykh nauk im V. I. Lenina. Moscow. Doklady, no.7, 1941.

Jukovsky, A. V. Forecasts of the spreading of Hessian flies, p.14-15. Text in Russian.

American journal of hygiene (Lancaster, Penn.); v.34, no.1, July 1941.

Hurlbut, H. S. First instar characters for distinguishing the common inland species of anophelines of eastern United States, Sec. C, p.47-48, illus.

American journal of public health (New York), v.31, no.8, Aug. 1941.

Feehster, R. F., and Getting, V. A. Distribution of the vectors of equine encephalomyelitis [*Aedes* spp.] in Massachusetts, p.791-802, illus. References, p.802.

American journal of tropical medicine (Baltimore), v.21, no.4, July 1941.

Coggeshall, L. T. Infection of *Anopheles quadrimaculatus* with *Plasmodium cynomolgi*, a monkey malaria parasite, and with *Plasmodium lophurae*, an avian malaria parasite, p.525-530, illus. References, p.530.

Kumm, H. V., and Ram, L. M. Observations on the *Anopheles* of British Honduras, p.559-566, illus. Bibliography, p.566.

Liu, W.-T., and Zia, S. H. Studies on the murine origin of typhus epidemics in North China. I. Murine typhus Rickettsia isolated from body lice in the garments of a sporadic case, p.507-533, illus. References, p.521-523.

Russell, P. F., and Mohan, B. N. Experimental malaria infections in *A. stephensi* from contrasting sea-water and tap-water larva environments, p.553-558. References, p.558.

American microscopical society. Transactions (Menasha, Wis. [etc.]), v.60, no.3, July 1941.

Harpster, H. T. An investigation of the gaseous plastron as a respiratory mechanism in Helichus striatus Leconte (Dryopidae), p.329-358, illus. Literature cited, p.358.

May, E. The behavior of the intestinal protozoa of termites at the time of the last ecdysis, p.281-292, illus. Literature cited, p.291-292.

American naturalist (Garrison, N. Y.), v.75, no.759, July/Aug. 1941.

Demerec, M., and Kaufmann, B. P. Time required for *Drosophila* males to exhaust the supply of mature sperm, p.366-379.
Literature cited, p.379.

American pecan journal (Waco, Texas), v.1, no.10, July 1941.

Hixson, E. The walnut datana [*Datana integerrima* G. and R.], p.13-16 illus. Continued next month.

American philosophical society. Proceedings (Philadelphia), v.84, no.5, July 30, 1941.

Howland, R. B. Structure and development of centrifuged eggs and early embryos of *Drosophila melanogaster*, p.605-616, illus.
Literature cited, p.616.

American potato journal (Somerville, N. J., and New Brunswick, N. J. [etc.]), v.18, no.6, June 1941.

Skaptason, J. B., and Blodgett, F. M. Reduced toxicity of cuprous oxide to *Phytophthora infestans* (Mont.) DeBary by the addition of certain insecticides, p.[179]-180.

American veterinary medical association. Journal (Chicago), v.99, no.773, Aug. 1941.

Howell, D. E., Stiles, G. W., and Moe, L. H. The transmission of Anaplasmosis by mosquitoes (Culicidae), p.107-109.

Anales de química y farmacia (Santiago de Chile), 1940.

Leyton, G., C., and Ubilla M., R. Piretros insecticidas cultivados en el país. Valoración de sus piretrinas y comparación con la producción extranjera, p.[21]-25.

Pfister P., A. El *Cantharis femoralis* Ph. o *Epicauta pilmus* Porter (el pilme) como substituto de la *Lytta vesicatoria* Fabr., p.[26].

Anzeiger für schädlingskunde (Berlin), v.16, no.12, Dec. 15, 1940.

Jancke, O. Die wirtspflanzen des springwurms (*Sparganothis pilleriana*), p. 136-138, illus.

Janisch, E. Eine schwarzfleckenerkrankheit bei den larven der wiesenschnake [*Tipula*], p.134-135, illus.

Kirchner, H. A. Versuche über die ernährung der stabheuschrecke (*Carausius morosus*) mit pfirsichtrieben, p.135-136.

Steiner, G. Eine einfache und wirksame anordnung zum fangen von fliegen in geschlossenen räumen, p.138-139, illus.

Aquarium (Philadelphia, Penn.), v.10, no.3, July 1941.

Innes, W. T. Enemies of aquarium fishes (continued from last month), p.43-46, illus.

Arbeiten über physiologische und angewandte entomologie aus Berlin-Dahlem, v.8, no.1, Mar.26, 1941.

Hennig, W. Werden alle "möhrenfliegen-schäden" durch *Chamaepsila rosae* F. verursacht?, p.36-38, illus.

Arbeiten über physiologische und angewandte ent. (continued)

Henrici, H. Inwieweit eignet sich das ködern der traubenwicklerfalter mit tresterwein zur festsetzung der bekämpfungszeitpunkte und als bekämpfungsmassnahme?, p.41-68, illus. (Fortsetzung im nächsten heft.)

Schulz, H. Beiträge zu einer prüfung der bekämpfungsmittel der milbenseuche der honigbiene, p.27-35. Schrifttum, p.35.

Speyer, W. Endopsylla? agilis de Meijere (Cecidomyidae) als entoparasit von Psylla mali Schmidb., p.39-41.

Steudel, W. Die maikäferbekämpfung 1940 mit dinitro-o-kresol in nusswinkel bei Rathenow, p.1-26, illus. Schrifttum, p.26.

Archiv für entwicklungsmechanik der organismen (Berlin), v.140, no.4, Dec. 31, 1940.

Bodenstein, G. Die auslösung von modifikationen und mutationen bei Musca domestica, p.[614]-655, illus. Schrifttum, p.653-655.

Vogt, M. Zur ursache der unterschiedlichen gonadotropen wirkung der ringdrüse von Drosophila funebris und Drosophila melanogaster, p.[525]-546, illus. Literaturverzeichnis, p.546.

Argentine Republic. Ministerio de agricultura. Boletín fomento ganadero (Buenos Aires), v.5, no.20, Sept. 1940; v.6, no.26, Feb. 1941.

Lucas, G. C. Procedimientos para combatir la garrapata de las gallinas - Argas persicus (Oken) 1818. 8p. illus. (v.6, no.26) La historia de la garrapata que produce la "tristeza", por la Dirección de ganaderia extincion de la garrapata. 30p. illus. (v.5, no.20)

Argentine Republic. Ministerio de agricultura. Boletín frutas y hortalizas (Buenos Aires), v.5, no.45 [i.e. 46], Dec. 1940.

Vergani, A. R. La naranja "negra" y el acaro [Phyllocoptes oleivorus] que la produce; estudio realizado en el insectario de Bella Vista (Corrientes). 13, [1]p. illus. Bibliografia consultada, p.[14].

Argentine Republic. Junta nacional de algodón. Boletín mensual (Buenos Aires), no.74, June 1941.

Pinochet, H. M. El avion y el algodonero, p.[497]-514, illus. Bibliografia, p.514.

Australia. Council for scientific and industrial research. Melbourne. Journal, v.14, no.2, May 1941.

Fitzgerald, J. S., Ratcliffe, F. N., and Gay, F. J. Trail fumigations of bulk wheat with methyl bromide and "cyanogas G," p.97-110. References, p.110.

Lennox, F. G. Some experiences in the preparation of sheep blowfly dressings and a description of a new boric acid mixture, p.[77]-87. References, p.87.

Riches, J. H. The relation of tail length to the incidence of blowfly strike of the breech of Merino sheep, p.88-93. References, p.93.

Australian journal of experimental biology and medical science (Adelaide), v.19, pt.2, June 1941.

Smith, D. J. W. Studies in the epidemiology of Q fever. 8. The transmission of Q fever by the tick *Rhipicephalus sanguineus*, p.[133]-136. References, p.136.

Australian orchid review ([Sydney]), v.5, no.2, June 1940.

Coleman, E. Pollination of Angraecum sesquipedale, Thow., p. 39-42, illus.

Smith, W. A. Some orchid pests. A short account of their life histories and control, p.46-48, illus. (To be continued.)

O Biológico (São Paulo, Brazil), v.6, no.12, Dec. 1940; v.7, 1941; no.5, May; no.6, June; no.7, July.

Falanghe, O., and Bitancourt, A. A. A infestação de cochonilhas nas frutas e as pulverizações das laranjeiras, v.7, no.7, p.[192]-193, illus.

Fonseca, J. P. da. Ação contra as moscas das frutas, v.7, no.6, p.159-162.

Fonseca, J. P., and Autuori, M. Processos de craiação da "vespinha africana" [*Tetrastichus giffardianus*] parasita da "mosca do mediterrâneo" [*Ceratitis capitata*], v.6, no.12, p.[345]-351, illus.

Lepage, H. S. O brometo de metíla como insecticida, v.7, no.5, p.128-134, illus. ...Alguns trabalhos principais publicados sobre o brometo de metíla, p.133-134.

Meyer, J. R. Tratamento de algumas ectoparasitoses pelo timbó, v.6, no.12, p.352-355.

Monte, O. Dois percejos prejudiciais às laranjas [*Leptoglossus gonagra* (Fabr.) and *Phthia lunata* (Fabr.)], v.7, no.7, p.187-191, illus. Bibliografia, p.191.

Biologisches zentralblatt (Leipzig), v.61, no.1/2, Jan./Feb. 1941.

Henke, K., and Mertz, I. Über die kerngrößenunterschiede im flügelepithel der mehlmotte [*Ephestia kühniella* Z.] und ihre beziehungen zur größendifferenzierung der schuppen, p.[40]-64, illus. Schriftenverzeichnis, p.63-64.

Timoféeff-Ressovsky, H. A. Temperaturmodifikabilität des zeichnungsmusters bei verschiedenen populationen von Epilachna chrysomelina F., p.68-84, illus. Schriftenverzeichnis, p-84.

Bombay natural history society. Journal (London), v.42, no.2, Apr. 1941.

Sevastopulo, D. G. On the food-plants of Indian Agaristidae and Noctuidae (Heterocera), p.[421]-430; Food of lizards, p.446; Butterflies attracted by moist earth, p.448.

British journal of dermatology and syphilis (London), v.53, no.5, May 1941.

Martin, J. T., and Hester, K. H. C. Dermatitis caused by insecticidal pyrethrum flowers (*Chrysanthemum cinerariifolium*), p.[127]-142. References, P.142.

Brotéria (Lisbon), Série trimestral: Cienicas naturais, v.10, no.3, Aug.1, 1941.

Artrópodes da Madeira segundo as investigações do Sr. Prof. Dr. O. Lundblad. P.XVI-XIX, [133]-142.

Buenos Aires (City). Universidad nacional. Instituto de parasitología y enfermedades parásitarias, v.1, no.6, 1940.

Roveda, R. J. Primera contribución al estudio de la bionomía del *Argas persicus*, p.[1]-22.

California. University. Berkeley. Publications in zoology, v.43, no.14, July 15, 1941; v.45, no.1, July 16, 1941.

Henderson, J. C. Studies of some amoebae from a termite of the genus *Cubitermes*, v.43, no.14, p.357-377, illus. Literature cited, p.369.

Kirby, H. Devescovinid flagellates of termites. I. The genus *Devescovina*, v.45, no.1, p.1-91, illus. Literature cited, p.69-71.

California citograph (Los Angeles), v.26, no.10, Aug. 1941.

Compare, H., Flanders, S., and Smith, H. S. Use air transport from China for the introduction into California of a red scale inhabiting *Comperiella*, p.291, 300-301.

Flanders, S. E. Peculiar habits of beneficial insects, p.285, 306, illus.

Canadian entomologist (Orillia), v.73, no.6, June 1941.

Rempel, J. G., and Shevkenek, W. Notes on the morphology, life history, and economic importance of Smicronyx utilis Buchanan. (Coleoptera, Curculionidae), p.100-104, illus. References, p.104.

Centralblatt für das gesamte forstwesen (Vien), v.67, no.1, Jan. 1941.

Jahn, E. Die wirkung der dinitro-o-kresolhaltigen kontaktigifte "K 4" und "Effusan" auf die arthropoden der kiefernkrone, p.4-11. Schrifttum, p.11.

Ceylon. Tea research institute. The tea quarterly... (St. Coombs, Talawakelle), v.14, pt.1, Apr. 1941.

Gadd, C. H. The life-history of the shot-hole borer of tea [*Xyleborus fornicatus* Eichhoff, *fornicatior* Eggers], p.5-22, illus. References, p.22.

Ciencia; revista hispano-americana de ciencias puras y aplicadas (Mexico, D. F.), v.2, no.2, Feb.25, 1941.

Vargas, L. Detalles morfológicos poco o nada conocidos de Anopheles mexicanos, p.66-69, illus. Nota bibliográfica, p.69.

Clinical medicine (Waukegan [etc.] Ill.), v.48, no.8, Aug. 1941.

Hardy, E. Insects in hospitals and homes, p.187-188, illus.

Colorado. University. Boulder. University of Colorado studies. Ser. D. Physical and biological sciences, v.1, no.3, July 1941.

Alexander, G. Keys for the identification of Colorado Orthoptera, p.129-164, illus. Bibliography of Colorado Orthoptera, p.159-164.

La Cosecha (Buenos Aires), v.3, no.35, May 1941.

Liebermann, J. La amenaza de los insectos, p.31-36, illus. (Gentileza de la casa "Duperrial").

Costa Rica. Instituto de defesa del café. Revista... (San José, Costa Rica), v.11, no.81, July 1941.

Briceño-Iragorry, L. Nota sobre Araecerus fasciculatus, De Geer 1775 coleóptero atacante del grano del café, p.226-231. Bibliografía, p.231.

Country life (London), v.89, no.2311, May 3, 1941.

Lane, F. W. How fast do insects fly?, p.390-391, illus.

Deutsche entomologische gesellschaft. Berlin. Mitteilungen, v.9, no.8/10, Dec.15, 1940.

Madel, W. Über die wirkung der beweglichen sprungdornen von Tachycines asynamorus Adel. (Orth.-Tettigon.), p.116-119, illus.

Quelle, F. Bestimmungs-tabelle des Amara-subgenus Triaena Lec. (Col.), zugleich ein beitrag zur methodik systematischer arbeit, p.103-107.

Stiller, V. Die käferfauna der umgebung von Szeged in Ungarn III, p.98-101.

Der Deutsche forstwirt (Berlin), v.23, no.9/10, Jan.31, 1941.

Pfützner. Zur engerlingsbekämpfung, p.[65]-68.

Deutsche tierärztliche wochenschrift (Hannover), v.49, no.10, Mar.8, 1941.

Wetzel, R. Zur bekämpfung der tsetsefliegen, p.123-125, illus. Schrifttum, p.125.

Deutsche tropenmedizinische zeitschrift (Leipzig), v.45, 1941; no.4, Feb.15; no.10, May 15.

Kowalzig. Über kala-azar-beobachtungen in Spanien, no.10, p.302-306. Discussion, p.306-307.

Martini, E. Was kann man praktisch in der heimat für die entomologische tätigkeit in den tropen lernen?, no.10, p.295-296.

Weyer, F. Die afrikanischen malariaüberträger, no.4, p.112-118.

Zumpt, F. Die tsetsefliegen und ihre bekämpfung, no.4, p.118-124, illus.

Diarío rural (Montevideo), v.1, no.98, July 30, 1941.

La dirección de ganadería. Invita a los ganaderos a colaborar en la preparación de la lucha contra la garrapata, p.11.

Ecology (Lancaster, Penn.), v.22, no.3, July 1941.

Hovanitz, W. Parallel ecogenotypical color variation in butterflies, p.259-284, illus. Literature cited, p.282-284.

Schoof, H. F. The effects of various relative humidities on the life processes of the southern cowpea weevil, Callosobruchus maculatus (Fabr.) at 30° C., ± 0.8°, p.297-305, illus. Literature cited, p.305.

Elisha Mitchell scientific society. Chapel Hill, N. C. Journal, v.57, no. 1, July 1941.

Ramsey, H. Fauna of pine bark, p.91-97. Literature cited, p.97.

Entomologica Americana (Lancaster, Penn.), n.s., v.21, no.2, Apr. 1941.
Torre-Bueno, J. R. de la. A synopsis of the Hemiptera-Heteroptera
of America north of Mexico (continued from vol.XIX, no.4, p.310).
Part II. Families Coreidae, Alydidae, Corizidae, Neididae,
Pyrrhocoridae and Thaumastotheriidae, p.41-122.

Entomological news (Philadelphia), v.52, no.7, July 1941.

Clark, A. H. The genus *Colias* in North America (Lepidoptera:
Pieridae), p.185-187. (To be continued.)

Dahl, R. G. The Leng Types of Cicindelidae (Coleoptera) (Continued
from page 172), p.188-191.

O'Byrne, H. I. The hibernation in Missouri of *Zerene caesonia*
(Stoll) and *Euptoieta claudia* (Cram.) (Lepid.: Pieridae and
Nymphalidae), p.181-183.

Entomologische zeitschrift (Frankfurt-M), v.55, 1941; no.6, May 20;
no.7, June 1.

Mehr, K. Über die zucht von *Graëllsia isabellae* Gr. (Lep.,
Saturn.), no.6, p.[41]-44.

Schütze, E. *Procris subsolana* Stgr. subsp. *schützei* Alb.
II. Beitrag zur biologie und oekologie, no.7, p.51-53.
Schrifttum, p.53.

Urbahn, E. Zur verbreitung und lebensweise von *Polia* (*Mamestra*)
splendens Hbn., p.54-55.

Entomologist (London), v.74, no.936, May 1941.

Jeffreys, D. M., and Birkett, N. L. Some notes on *Hyloicus*
pinastri (Linn.), p.107-109.

Littlewood, F. On rearing Lepidoptera. (Continued from p.94),
p.101-106, illus. (To be continued.)

Lloyd, B. A mass emergence of the dragonfly *Coenagrion puella*,
p.113-114.

Niblett, M. Some gall-causing sawflies in Surrey. p.110-112.

Entomologist's monthly magazine (London), ser.4, v.2 (whole ser. v.77),
1941; no.16 (whole ser. no. 923), Apr.; no.17 (whole ser. no.924), May;
no. 18 (whole ser. no.925), June.

Collin, J. E. The British species of the dolichopodid genus *Medeterus* Fisch. (Dipt.), no.18, p.141-144.

Dicker, G. H. L. Notes on some Hemiptera-Heteroptera taken in the
Reading district during 1940, no.17, p.101-104.

Emden, F. I. van. Larvae of British beetles. II. A key to the
British Lamellicornia larvae, no.17, p.117-120. Literature...,
p. 117; no.18, p.121-127, illus. (To be continued.)

Fletcher, T. B. A noctuid larva living in animal tissues, no.17,
p.107.

Freeman, R. B. The distribution of *Orchopeas wickhami* (Baker)
(Siphonaptera), in relation to its host the American grey squirrel,
no.16, p.82-89. References, p.89.

Kloet, G. S. Experiments on living pupae (Lep.), no.18, p.139-140.

Morison, G. D. Notes on earwigs in northern Scotland, no.18, p.128-130.

Worden, A. N. The presence of a viable noctuid larva (*Antitype flavi-*
cincta F.) in the subcutaneous tissues of a dog, no.16, p.94-95.
References, p.95.

Entomologist's record (London), v.53, no.5, and Suppl., May 1941.
Beirne, B. P. Four years' captures of insects in light traps in Ireland, p.45-50.
Turner, H. J. The British Noctuae and their varieties, Suppl., p.13-20.

Fauna och flora. Populär tidskrift för biologi (Uppsala & Stockholm), 1941, häft 3.
Wingstrand, K. G. Om hackspettarnas biologi, p.[130]-137. (Forts.)

Fiji, Department of agriculture. Agricultural journal (Suva), v.12, no.2, June 1941.

Baxter, G. R. Preventive measures against mosquitoes. Part II (concluded), p.41-45.

Lever, R. J. A. W. Entomological notes, p.45-50. [Microphanurus basalis Woll; Pieris rapae L.; Bruchus chinensis L.; Introduced beneficial insects; Cirphis unipuncta Haw.; Megarhinus splendens Wied.; Ectoparasites of native birds and a bat.] References at ends of articles.

Florida entomologist (Gainesville, Fla.), v.24, no.2, July 1941.

Berner, L. Ovoviviparous mayflies in Florida, p.[32]-34.
References, p.34.

Calhoun, P. W. Topping cotton in early fall as a possible means of reducing the spring bollweevil population in the northwestern part of the Florida Sea Island cotton belt, p.35-40. Literature cited, p.40.

Watson, J. R. Migrations and food preferences of the lubberly locust, p.40-42.

Formosa, Japan. Government sugar experiment station, Tainan. Report no.7, June 1940.

Maki, T. The effect of water temperatures on the mortality of larvae of Alissonotum impressicolle Arrow by submerging. p.[63]-71, illus. Text in Japanese. English summary, p.71.

Formosan agricultural review (Taiwan Nôzihô) (Taihoku), v.37, 1941; no.4, Apr.; no.5, May.

Moriyama, T. Studies on the lethal effects of insecticides. Part 2. Historical review on the studies of lethal mechanism of derris on insects, no.4, p.[257]-280. [Bibliography], p.271-280. Text in Japanese; On the amount of food consumed by insects. 1, no.5, p.[347]-352, illus. Text in Japanese.

Fruit-grower, fruiterer, florist & market gardener ([London]), v.91, no.2374, June 12, 1941.

Thompson, C. R. Spraying in "battle for fruit," p.508.

De Fruitteelt (Arnhem [etc.]), v.31, no.4, Apr. 1941.

Bosma, B. Wanneer spuiten tegen Carpocapsa, p.86-89.

Gaceta algodonera (Buenos Aires), v.18, no.210, July 31, 1941.

Faria, C. V. La posibilidad del empleo de la "Tephrosia toxicaria" para combatir el gorgojo y la lagarta rosada, p.14-16, illus.

Great Britain. Imperial institute, London. Bulletin, v.39, 1941; no.1, Jan.-Mar.; no.2, Apr.-June.

Nicol, J. M. Insect infestation of cacao beans in the producing countries, with a note on the extent to which Ephestia elutella Hub. and E. cautella Wlk. establish themselves in warehouses and factories in Great Britain, no.1, p.17-25. References, p.24-25.

Quarterly bibliography on insecticide materials of vegetable origin prepared in collaboration with the Imperial institute of entomology and the Department of insecticides and fungicides, Rothamsted experimental station, no.13 (October-December 1940), no.1, p.41-48; no.14 (January - March 1941), no.2, p.143-147.

Growth ([Montreal, Canada, etc.]), v.5, no.2, June 1941.

Brehme, K. S. The growth of transplanted minute and wild type optic disks in *Drosophila melanogaster*, p.183-195, illus. References, p.194-195.

Hawaiian entomological society. Honolulu. Proceedings, v.11, no.1, July 1941.

Anderson, W. H. On some larvae of the genus *Proterhinus* (Coleoptera: *Agylycyderidae*), p.25-35, illus.

Bianchi, F. A. Thysanoptera and Aphididae new to the island of Midway, p.37; Remarkable longevity of a *Pyrophorus* larva [*P. bellamyi* Van Zwal.], p.38-39.

Fullaway, D. T. A check list of the parasitic Hymenoptera of the Samoan Islands with descriptions of new species appended, p.41-49.

Illingworth, J. F. Feeding habits of *Bufo marinus*, p.51.

Schedl, K. E. 77th contribution to the morphology and taxonomy of the Scolytoidea, p.109-116, illus.

Swezey, O. H. Notes on food-plant relations of Scolytidae and Platypodidae in the Hawaiian Islands, p.117-126; Some injurious insects in Samoa which do not occur in the Hawaiian Islands, p.127-130.

Usinger, R. L. The genus *Oechalia* (Pentatomidae, Hemiptera), p.59-93, illus. Bibliography, p.92-93.

Zimmerman, E. C. The Rhynchophorinae found in Hawaii (Coleoptera: Curculionidae), p.96-102; The Bostrichidae found in Hawaii (Coleoptera), p.103-108; Argentine ant [*Iridomyrmex humilis* Mayr.] in Hawaii, p.108.

Hawaiian planters' record (Honolulu), v.45, no.2, second quarter, 1941.

Pemberton, C. E. Contributions of the entomologists to Hawaii's welfare, p.107-119.

Instituto biológico. São Paulo, Brazil. Arquivos, v.11, 1940.

Martini, E. Zur technik der art- und rassenunterscheidung mittels variabler, in ihrer variationsbreite sich überschneidender merkmale. Die mittelwertbildung aus mehreren variablen merkmalen, p.[221]-228. Literatur, p.228. (art.28.)

Instituto biológico. (continued)

Mello Leitão, C. de. Aranhas do Paraná, p.[235]-257, illus. (art.30.)
Sauer, H. F. G. Primeiros resultados das experiências de combate à broca do algodoeiro "Gasterocercodes brasiliensis Hambl." (Col. Curcul.) por meio de pulverizações com caldas arsenicais, p.[499]-530, illus. Bibliografia, p.529. Text in Portuguese. English abstract, p.528-529. (art.52.)
Toledo, A. A. de. Notas sobre a biologia do "Chrysomphalus aonidum (L., 1758)" (Homoptera) no Estado de S. Paulo - Brasil, P.[559]-578, illus. Bibliografia, p.578. Text in Portuguese. English abstract, p.577-578. (art.57.)

International institute of agriculture. Rome. International bulletin of plant protection, v.15, no.7/8, July/Aug. 1941.

Belgium. Predators of the Colorado beetle (Leptinotarsa decemlineata), p.[133M]-134M. [Picromerus bidens L.; Troilus (Podisus) luridus Fab.]

Intersylva; organe du Centre international de sylviculture (Berlin-Wannsee), v.1, no.1, Nov. 1940.

Gradojević, M. Aperçu général sur le développement de l'entomologie forestière en Yougoslavie, p.28-33, illus. Text in French. Summaries in German, English, Spanish and Italian, p.32-33.

Journal of allergy (St. Louis), v.12, no.5, July 1941.

Sheldon, J. M., and Johnston, J. H. Hypersensitivity to beetles (Coleoptera), p.493-494. References, p.494.
Urbach, E., and Gottlieb, P. M. Asthma from insect emanations; report of a case due to moths, p.485-492, illus. References. p.491-492.

Journal of chemical education (Easton, Penn.), v.18, no.7, July 1941.

Fletcher, H. G., Jr. The history of nicotine, p.303-308, illus. Bibliographical footnotes.

Journal of experimental zoology (Philadelphia), v.87, no.3, Aug.5, 1941.

Hughes-Schrader, S., and Ris, H. The diffuse spindle attachment of coccids, verified by the mitotic behavior of induced chromosome fragments. p.429-456, illus. Literature cited, p.450-451.

Journal of forestry (Washington, D. C.), v.39, no.7, July 1941.

Gobeil, A. R. Dendroctonus piceaperda Hopk.: a detrimental or beneficial insect?, p.632-640. Literature cited, p.640.

Journal of heredity (Washington, D. C.), v.32, no.5, May 1941.

Kodani, M. The structure of the salivary gland chromosomes of Drosophila melanogaster. I. The eu- and heterochromatin, p.147-156. illus. Literature cited, p.156.

Journal of wildlife management ([Menasha, Wis.]), v.5, no.3, July 1941.

Wright, T., Jr. A study of the fall food supply of the ring-necked pheasant and the bob-white quail in Washington County, Rhode Island, p.279-296. Literature cited, p.295-296.

Kansai entomological society. Transactions (Osaka, Japan), v.10, pt.2, Dec. 1940.

Iwata, K. Biology of some Japanese cuckoo-wasps, p.8-15, illus.

Text in Japanese.

Oike, K. Notes on Blatta concinna de Haan that hurts the foreign style books, p.40-41, illus. [Bibliography], p.42. Text in Japanese.

Kansas entomological society. Journal (Manhattan), v.14, no.3, July 1941.

Bryson, H. R. The occurrence in Kansas of the sugar-cane rootstock weevil, Anacanthinus deplantus Osy., (Coleoptera, Curculionidae), p.84-90, illus. Literature cited, p.89-90.

Bugbee, R. E. A new species of the Eurytoma rhois complex from the seeds of Schmaltzia (Rhus) trilobata. (Eurytomidae), p.98-102, illus. Literature cited, p.101-102.

Whelan, D. B. The role of plastics in the field of entomology, p.73-84. Bibliography, p.83-84.

Landwirtschaftliches Jahrbuch der Schweiz (Bern), v.55, no.3, 1941.

(Annuaire agricole de la Suisse, 42^{me} année de l'édition française)

Wiesmann, R. Untersuchungen über die biologie und bekämpfung der erdbeermilbe, Tarsonemus pallidus (fragariae Z.) Banks, p.[259]-329, illus. Zitierte literatur, p.311-312. Text in German. French summary, p.309-310.

Leningrad. Institut prikladnoi zoologii i fitopatologii. Izvestiia vysshik kursov prikladnoi zoologii i fitopatologii, no.12, 1941.

Beloselskaja, Z. G. Privet leaf-roller (Cacoecia rosana L.), a pest of the fruit and berry gardens and the park trees, p.176-195, illus. Literature, p.192-195. Text in Russian.

Berim, N. G. Relative toxicity of concentrated extracts of pyrethrum and effect of the soap on it, p.136-145. Literatura, p.143-145. Text in Russian.

Borchsenius, N. S. Species of the manna producing scale insects (Trabutina, Coccidae, Hemiptera) from Central Asia, p.123-135, illus. Literatura, p.135. Text in Russian.

Brjantzev, B. A. Agricultural control of the cabbage maggots, p.146-175. Literatura, p.174-175. Text in Russian.

Gerasimov, A. M. Classification of moths of the family Hyponomeutidae and their food plants, p.207-221, illus. Text in Russian.

Kozhantshikov, I. B. On some types of the geographical distribution of injurious insects, p.222-234, illus. Literatura, p.233-234. Text in Russian.

Kusnezov, N. J. Review of works in entomology, theoretical and applied, done in the USSR from 1917 to 1937, inclusively, p.[17]-122. Text in Russian. English table of contents, p.121-122.

Lipsky, B. A., and Merkuljeva, A. A. Experiments in the chemical control of Oscinella frit L., p.267-272. Text in Russian.

Meyer, N. T. Relations of the size of the host-egg and the number of the Trichogramma-eggs as well as the dimensions of its progeny, p.273-277. Text in Russian.

Leningrad. Inst. prikladnoi ... (continued)

Sokolova-Vinogradova, N. M. Ecological indexes of the vine forester-moth, *Theresia ampelophaga* Bayle, p.278-298, illus. Literatura, p.297-298. Text in Russian

Vanin, S. I. On the insect galls of the Caucasus, p.196-206, illus. Text in Russian.

London. Royal entomological society. Proceedings, Ser. A. General entomology, v.16, pts.4/6, July 1, 1941.

Buxton, P. A. A map projection of biological interest, p.34, illus.

Cockayne, E. A. Prothetely in a larva of Smerinthus hybr. hybridus Stephens (Lepidoptera), p.55-59, illus. References, p.59.

Evans, W. H. The resting positions of butterflies (Lepid. Rhopalocera), p.33.

Griffin, F. J., and Griffin-Gillen, J. The terminology used by Jacob Hübner, p.49-54.

Hickin, N. E. Methods used in rearing small insects infesting stored food products, p.35-38, illus. References, p.38.

Hinton, H. E. Notes on the internal anatomy and immature stages of Mycetophagus quadripustulatus (Linnaeus) (Coleoptera, Mycetophagidae), p.39-48, illus. References, p.48.

Vanderplank, F. L. Activity of Glossina pallidipes and the lunar cycle (Diptera), p.61-64, illus.

London. Royal entomological society. Proceedings, Ser. B. Taxonomy, v.10, 1941; pt.4, Apr.15; pt.5, May 15; pt.6, June 14.

Benson, R. B. On the European genera of the Fenusini and two unrecognised British species (Hymenoptera Symphyta), pt.5, p.85-90, illus. References, p.90.

Corbet, A. S. Revisional notes on the genus Catapaecilma Btlr. (Lepid. Rhop.), pt.5, p.81-84, illus.; Observations on certain of the Fabrician names of Indo-Australian Rhopalocera (Lepid.), pt.6, p.98-106, illus.

Macfie, J. W. S. Notes on Ceratopogonidae (Diptera), pt.5, p.67-69, illus.

Marshall, G. A. K. On Exophthalmida and Parexophthalmus (Col. Curc.), pt.4, p.51-55.

Thomas, I., and Jacob, F. H. British Aphididae. 1. The genus Pentatrichopus Börner (Hemiptera). Part 1, pt.6, p.107-114, illus.

Uvarov, B. P. Geographical variation in Scintharista notabilis (Walker 1870) (Orthoptera, Acrididae), pt.6, p.91-97, illus.

Wainwright, C. J. The British Tachinidae (Diptera): second supplement, pt.5, p.70.

Wilkinson, D. S. On the identity of Apanteles albipennis Haliday non Nees and of Apanteles albipennis Haliday of Marshall (Hym. Bracon), pt.5, p.71-81, illus.

London. Royal entomological society. Transactions, v.91, 1941; pt.1, June 27; pt.2, July 15; pt.4, July 15.

Donisthorpe, H. The ants of Japan Island, Dutch New Guinea (Hym. Formicidae), pt.2, p.51-64.

Talbot, G. Revisional notes on the genus Idea Fabr. (Lep. Rhop. Danaidae), pt.4, p.105-117.

London. Roy. ent. soc. Trans. (continued).

Zeuner, F. E. The classification of the Decticinae hitherto included in Platycleis Fieb. or Metrioptera Wesm. (Orthoptera, Saltatoria), pt.1, p.[1]-50, illus.

Mexico. Secretaría de relaciones exteriores. Revista del comercio exterior (Mexico), v.5, no.4, Oct. 1940.

Calderon, C. A. Como combatir las plagas del algodón, p.35-38.

Noguera V., E. El chloropicrín como gas preventivo en la fumigación de embarcaciones, p.65-73.

Salazar, R., and Bravo, R. Requisitos para la importación de frutas tropicales a los Estados Unidos, p.75-76.

Musei nationalis Hungarici. Budapest. Annales historico naturales, v.33, pars zoologica, 1940.

Duda, O. Revision der afrikanischen drosophiliden (Diptera). II, p.[19]-53, illus.

Szekessy, W. "Disputatio physica de insectis" von Andreas Horváth. Die erste, von einem ungarn verfasste entomologische abhandlung, p.[1]-13, illus. Literatur, p.13.

Szilady, Z. Über paläarktische syrphiden. IV, p.[54]-70, illus.

Thibaut de Maisières, C. Quelques observations éthologiques et autres sur le gobe-mouches nain (*Muscicapa P. parva* Bechst.) au Mont Bükk, p.[103]-107, illus.

Mycologia (Lancaster, Penn.), v.33, no.4, July-Aug. 1941.

Charles, V. K. A fungous disease of codling moth larvae [*Carpocapsa pomonella* L.], p.344-349, illus. Literature cited, p.348-349.

National academy of sciences. Washington, D. C. Proceedings, v.27, no.8, Aug. 1941.

Sturtevant, A. H., and Novitski, E. Sterility in crosses of geographical races of *Drosophila micromelanica*, p.392-394.

National geographic magazine (Washington, D. C.), v.80, no.2, Aug. 1941.

Vosburgh, F. G. Our insect fifth column. Alien enemies take steady toll of food, trees, and treasure by boring from within, p.225-248, illus.

Natural history society of Formosa. Taihoku. Transactions, v.30, no.205, Oct. 1940.

Takahashi, R. Some foreign Aleyrodidae (Hemiptera), 2. A new species [*Aleuroplatus citri* n. sp.] attacking citrus in Australia, p.[381]-382, illus.

Nature (London), v.147, 1941; no.3737, June 14; no.3739, June 28.

Munro, J. W. Infestation of manufactured food by insects, no.3739. p.808. (Comment on D. N. Roy's article of same title in no.3737.)

Roy, D. N. Infestation of manufactured food by insects, no.3737, p.746.

Russell, E. S. Biological adaptedness and specialization of instinctive behaviour, no.3737, p.729-734. References, p.734.

Naturwissenschaften (Berlin), v.29, no.1, Jan.3, 1941.

Goetsch, W. Staatengründung und kastenbildung bei termiten, p.1-13, illus.

Nederlandsch-Indische entomologische vereeniging. Entomologische mededeelingen van Nederlandsch-Indië (Buitenzorg, Java), v.7, no.2, July 1, 1941.

Kalshoven, L. G. E. Groundplans of termite [Coptotermes javanicus Kemn.; Macrotermes gilvus Holmgr.] nest, p.30-34, illus.

Nederlandsche entomologische vereeniging. The Hague. Entomologische berichten, v.10, 1941; no.238, Mar.1; no.239, May 1.

Benno, P. Een tweetal zeldzame bijen uit de lymers met aanteekeningen bij een nest van *Osmia papaveris* Latr., no.238, p.311-315, illus.

Eyndhoven, G. L. van. Iets over het voorkomen van mijten op houtbijen, no.239, p.324-329, illus.

New Caledonia. Chambre d'agriculture. Revue agricole (Nouméa), Mar. 1940.

Simmonds, H. W. Peste et maladies du cocotier dans les îles du Pacifique Austral, p.3853-3887.

New England journal of medicine (Boston), v.224, no.26, June 26, 1941.

Belding, D. L., and Merrill, B. Tularemia in imported rabbits in Massachusetts, p.1085-1087. References, p.1087.

New York entomological society. Journal (Lancaster, Penn.), v.49, no.3, Sept. 1941.

Abbott, C. E. The sensory basis of courtship, p.[217]-220.

Lafleur, L. J. Civil disturbances in ant communities, p.[225]-231.

Thomas, C. A. The Elateridae of Pennsylvania, p.[233]-263. Bibliography of Pennsylvania Elateridae, p.262-263.

Notulae entomologicae (Helsingfors, Finland), v.21, no.2, June 15, 1941.

Ekblom, I. Untersuchungen über den flügeldimorphismus bei *Gerris asper* L., p.[49]-64, illus. Zitierte literatur, p.63-64.

Hellén, W. Verzeichnis der in den Jahren 1936-1940 für die fauna Finnlands neu hinzugekommenen insekten-arten (Forts.), p.77-80. (Forts.)

Nyasaland agricultural quarterly journal (Blantyre), v.1, no.1, Jan. 1941.

Smee, C. Notes on the locust outbreak of 1893-1910, p.20-22.

Orchid review (London), v.49, nos.575/576, May/June 1941.

Beckton, B. J. Thrips, p.76-78, illus.

Oyō-dōbutsugaku-zasshi (Tokyo) (Japanese society of applied zoology. Journal), v.12, no.5/6, Dec. 1940.

... *Eucosma schistaceana* Snellen. 2. ... Sterility..., p.[161]-186. illus. [Bibliography], p.185-186. Text in Japanese.

... *Anthomyiidae*..., p.[187]-208, illus. [Bibliography], p.203. Text in Japanese.

Pan American sanitary bureau. Bulletin (Washington, D. C.), v.20, no.7, July 1941.

Moll, A. A., and O'Leary, S. B. Plague in the Americas (continued). VII. Peru, p.697-714, illus.

Pan-Pacific entomologist (San Francisco), v.17, no.3, July 1941.

Bohart, G. E. A review of the genus *Physocephala* of the western United States (Diptera, Conopidae), p.141-144.

Essig, E. O. Itinerary of Lord Walsingham in California and Oregon, 1871-1872, p [97]-113, illus.

Michener, C. D. A synopsis of the genus *Trachusa* with notes on the nesting habits of *T. perdita* (Hymenoptera, Megachilidae), p.119-125. References, p.125.

Wood, S. F. Notes on the distribution and habits of reduviid vectors of Chagas' disease in the Southwest United States (Hemiptera, Reduviidae) (continued from page 94), p.115-118. Bibliography, p.118.

Parasitology (London), v.33, no.2, May 1941.

Buxton, P. A. Studies on populations of head-lice (*Pediculus humanus capitis*; Anoplura). IV. The composition of populations, p.224-242. References, p.241-242.

Fantham, H. B., Porter, A., and Richardson, L. R. Some microsporidia found in certain fishes and insects in Eastern Canada, p.186-208, illus. References, p.205-207.

Ferriere, C. A new coccid-parasite of the family Eupelmidae (Hym. Chalc.), p.169-171. [Eupelmus aspidoprocti n. sp.]

Leeson, H. S. The effect of temperature upon the hatching of the eggs of *Pediculus humanus corporis* De Geer (Anoplura), p.243-249.

Macleod, J., and Craufurd-Benson, H. J. Casual beds as a source of louse infestation, p.211-213. References, p.213.

Thorpe, W. H. A description of six new species of the genus *Cryptochaetum* (Diptera-Agromyzidae) from East Africa and East Indies; together with a key to the adults and larvae of all known species, p.[131]-168, illus. References, p.168.

Pests (Kansas City, Mo.), v.9, no.7, July 1941.

Dudley, H. C., Miller, J. W., Neal, P. A., and Sayers, R. R. Studies on foodstuffs fumigated with methyl bromide, p.20-22.

Essig, E. O. The common names of insects, p.7-10, 26-27. Selected references, p.26-27.

Philadelphia. Academy of natural sciences. Proceedings, v.92(1940), 1941.

Banks, N. Some Psammocharidae from Madagascar (Hymenoptera), p.335-362, illus. Bibliography, p.362.

Hull, F. M. A study of syrphid flies from Madagascar (Diptera), p.309-334, illus.

Rehn, J. A. G., and Rehn, J. W. H. The Orthoptera of the Philippine Islands, Part II.-Acrididae; Cyrtacanthacridinae; group Cyrtacanthacrides, p.245-287, illus. Bibliographical footnotes.

Philippine agriculturist (Laguna, P. I.), v.30, no.1, June 1941.

Celino, M. S., and Ocfemia, G. O. Two additional insect vectors [*Aphis maidis* Fitch; *Rhopalosiphum* sp. (near *prunifoliae* Fitch)] of mosaic of abacá, or Manila hemp plant, and transmission of its virus to corn, p.70-[79], illus. Literature cited, p.77-78.

Philippine journal of science (Manila), v.74, no.4, Apr. 1941.

Gressitt, J. L. A collection of longicorn beetles from Thai.

Coleoptera: Cerambycidae, p.331-347, illus.

Phytopathology (Lancaster, Penn.), v.31, no.7, July 1941.

Parker, K. G., Readio, P. A., Tyler, L. J., and Collins, D. L.

Transmission of the Dutch elm disease pathogen by Scolytus multi-striatus and the development of infection, p.657-663. Literature cited, p.663.

Planta; archiv für wissenschaftliche botanik (Berlin), v.31, no.3,

Dec.31, 1940.

Stoppe, R. Pilze der pilzgärten von Atta sexdens, p.[406]-413, illus. Schriftenverzeichnis, p.413.

Portugal. Direcção geral dos serviços pecuários. Serviço de inquérito.

Bol. tim pecuário. Bulletin vétérinaire (Lisboa), v.8, no.3, 1940.

Barros, J. A. Considerações sobre peles nacionais e seus agentes desvalorizadores - Considérations sur les peaux nationales et les causes de leur dépréciation, p.[17]-104, illus.

O verre, verme, berro ou berne [Hypoderma spp.]. p.61-69, illus.

Parasitas das peles e cabedais, p.70-71, illus.

Der praktische desinfektor (Dresden), v.33, no.1, Jan. 1941.

Weidner, H. Die in häusern lästig auftretenden milben, p.7-9, illus.

Schrifttum, p.9.

Progrès agricole et viticole (Lyon), v.124 (année 62), no.27, July 6, 1941.

Rosella, E. Un ennemi des jardins: la courtilière, p.8-9.

Queensland. Bureau of sugar experiment stations. Cane growers' quarterly bulletin (Brisbane), v.9, no.1, July 1, 1941.

Bell, A. F. Seventh conference of cane pests boards, p.19-20.

Queensland museum. Brisbane. Memoirs, v.12, pt.1, June 13, 1941.

Williams, G. A revision of the genus Anoplodactylus (Wilson) together with a new species from Queensland [A. longicollis sp. n.], p.[33]-39, illus. List of papers referred to, p.39.

Revista agronômica; orgão do Sindicato agronômico do Rio Grande do Sul (Pôrto Alegre), v.5, 1941; no.52, Apr.; no.53/54, May/June.

Costa Neto, J. P. da. Parasitos da cebola (Allium cepa L.).

Observações, no.53/54, p.275-278, illus. Bibliografia, p.278.

Gomes Costa, R. Prospatella berlesei How., no.52, p.228, illus.; Pragas das plantas cultivadas do Rio Grande do Sul, no.53/54, p.288-290, illus. (Continúa.)

Santis, L. de. Lista de himenopteros parasitos y predatores de los insectos de la Republica Argentina (Continuação), no.52, p.259-261. (Continúa)

Revista Argentina de agronomía (Buenos Aires), v.8, no.2, June 1941.

Griot, M., and Mallea, O. Eficacia de algunos tipos de aceites emulsionables sobre la "Cochinilla coma" [Lepidosaphes beckii New.], p.138-149. illus. Bibliografía, p.148-149.

Revista de agricultura, industria y comercio de Puerto Rico (San Juan), v.33, no.2, Apr.-June 1941.

Wickard, C. R. Fruit and vegetable quarantine of Puerto Rico.

Revision of quarantine and regulations effective January 22, 1941, p.325-330.

Revista de agricultura, Organo oficial de la Secretaría de estado de agricultura, industria y trabajo. República Dominicana (San Cristóbal, etc.), v.32, no.136, May/June 1941.

Gómez-Menor O., J. Las plagas en la agricultura, p.121-123.

Revista dos criadores (São Paulo), v.12, no.9, May 1941.

Camargo, A. de. O carapato [Boophilus annulatus; var. micropodus], p.15-18, illus.

Revista mensual B. A. P. (Buenos Aires), v.24, no.284, July 1941.

Goytia, A. El bicho de cesto; lucha con pulvérizaciones toxicas, p.[29]-34, illus.

Revue pour l'étude des calamités (Genève), v.4, no.12-13, Jan.-June 1941.

C., D. La législation de la lutte anti-acridienne dans l'Union Sud-Africaine, p.88-89.

Rhodesia agricultural journal (Salisbury), v.38, no.6, June 1941.

Huston, P. D. Dipping of cattle, p.314-321.

Rostov-on-Don. Stantsiia Zashchity rastenii. Izvestia... no.9, 1938.

Dobrovolsky, B. Food baits as a means for the control of soil pests, p.113-[153], illus. Literatura, p.151-[153]. Text in Russian

Jlyinskaya, L. Development and conduct of mites in field conditions, p.101-[112], illus. Literatura, p.[112]. Text in Russian

Steinberg, G., and Nekrassova, Z. Fumigation of sets and grafts against Aspidiotus perniciosus Comst., p.31-35. Text in Russian.

Sitios e fazendas (São Paulo), v.5, 1941; no.6, June; no.7, July.

Brandão, J. S., filho. A formiga cuiabana [Paratrechina (Nylanderia) fulva (Mayr)] "versus" saúva, no.6, p.36-38, illus.

Torres de Melo, A. As sarnas do carneiro, no.6, p.28-31, illus.

Como combater os insetos que atacam os cereais armazenados, no.7, p.36-39, illus.

Soap (New York), v.17, no.7, July 1941.

Campbell, F. L., Barnhart, C. S., and Hutzell, J. N. Tests on crawling insects. Evaluating liquid household insecticides against the German cockroach and bedbug, - a final report on research project at Ohio state university, p.105-107, 109, 111, 113, 114, illus. (To be concluded.)

Sociedad cubana de historia natural "Felipe Poey," Havana. Memorias, v.15, no.2, July 1941.

Zayas, F. de. Los malofagos de las aves domesticas en Cuba, p.201-210, illus.

Sociedade brasileira de agronomia. Boletin (Rio de Janeiro), v.4, 1941; no.1, Mar.; no.2, June.

Gomes, J. G. Encirtideos cecidogenos do genero "Minapis" Brèthes, com a descrição de duas novas espécies (Hymenoptera. Chalcidoidea) [M. maculiventris n. sp.; M. bicolor n. sp.], no.2, p.[141]-150, illus. Referencias, p.150. Text in Portuguese. Brief English summary, p.150.

Rosillo, A. Descripción de un raro insecto Argentino, Marellia remipes Uvarov (Arid. Pauliniidae), no.1, p.[73]-74.

Santis, L. de. Lista de himenopteros parásitos y predatores de los insectos de la Republica Argentina, no.1, p.[1]-66. Bibliografia, p.50-56.

Società italiana di biologia sperimentale. Bollettino (Napoli), v.16, no.1, Jan. 1941.

Brighenti, D. Ricerche sul cromotropismo negli insetti, p.27-28; Azione parassitaria occasionale di Acari sull'uomo, p.29-30.

Société Linnéenne de Lyon. Bulletin mensuel, v.10, no.6, June 1941.

Testout, H. Contributions à l'étude des lépidoptères Saturnioides (X). Revision des Saturnioides macroures (actiens de Sonthonnax), p.86-89, illus. Bibliographie, p.89.

Society of tropical agriculture. Taihoku, Formosa, Japan. Journal, v.12, 1940; no.2, June; no.3, Nov.; no.4, Dec.

Koidsumi, K., and Kubota, K. Notes on the autoecology of some fruit-flies (V). Effects of temperature and soil moisture on the adult emergence of Chaetodacus ferrugineus dorsalis Hendel, no.2, p.96-98. Text in Japanese.

Koidsumi, K., and Ogasahara, M. The Philippine locust and its relation to Taiwan (A climatoecological consideration), no.3, p.26-275, illus. [Bibliography], p.274. Text in Japanese. English summary, p.274-275.

Koidsumi, K., and Shibata, K. Studien über seidendarmwurm (Eriogyna pyretorum Westwood) und seidendarm. IX. Mitteilung. Flugtätigkeit, Kopulation und Eiablage der Falter, no.2, p.88-95, illus.; X. Mitteilung. Erzeugung von Eiern, no.3, p.205-216; XI. Mitteilung. Eiparasiten, no.4, p.[259]-265. Text in Japanese.

South African sugar journal (Durban), v.25, no.6, June 1941.

Dick, J. Insects and sugarcane, p.297, 299, 301, 303, 305, illus. References, p.305.

South African veterinary medical association. Pretoria. Journal, v.12, no.2, June 1941.

Du Toit, R., Graf, H., and Bekker, P. W. Resistance to arsenic as displayed by the single host blue tick Boophilus decoloratus (Koch) in a localised area of the Union of South Africa: Preliminary report, p.50-58.

Stockholm. Kungliga Svenska vetenskapsakademiens. Handlingar, ser.3, v.18, no.8, May 8, 1940.

Hanström, B. Inkretorische Organe, Sinnesorgane und Nervensystem des Kopfes einiger niederer Insektenordnungen. 265p. illus. Literatur, p.256-262.

Sweden. Statens växtskyddsanstalt. Växtskyddsnotiser (Stockholm), 1941, no.2, May 1.

Lindblom, A. De viktigaste skadedjuren på våra kulturväxter 1940, p.[17]-22, illus.

Mathlein, R. Pyretrumpulver som bekämpningsmedel mot skadedjur i spannmåslager, p.31-32.

La Terre vaudoise (Lausanne), v.33, 1941: no.23, June 7; no.24, June 14.

Faes, H. Le mildiou et la cochylis. Vers de la vigne: Cochylis et Eudemis (suite), no.23, p.272; no.24, p.283-284.

Tijdschrift over plantenziekten (Wageningen), v.47, no.2, Mar./Apr. 1941.

Wilcke, J. Biologie en morphologie van *Psylla buxi* L., p.[43]-89, illus. Literatuur, p.86-89.

Tijdschrift voor entomologie (Amsterdam), v.84, no.1, and verslag, May 1941.

Bernet Kempers, K. J. W. Larven van kortschildkevers (Staphylinidae), p.[31]-43, illus.

Eyndhoven, G. L. van. Uter die frage der synonymie von *Spinturnix euryalis* G. Canestrini 1884 und *Periglischrus interruptus* Kolenati 1856, sowie über einen neuen fliedermausparasiten, *Spinturnix oudemansi* nov. spec. (Acar. Spint.), p.[44]-67, illus. Literatur, p.66-67.

Meijere, J. C. H. de. Die larven der Agromyzinen. Sechster nachtrag, p.[13]-30, illus.

Roepke, W. On the Javanese species of the genus Utetheisa Hb. (Lep. Het., fam. Arctiidae), p.[1]-9, illus. Contains bibliographies. Text in English.

Stärcke. Hersenganglion van *Strumigenys*; koloniestichting van *Polyrhachis bicolor*, verslag, p.II-XV.

Tropical agriculture (St. Augustine, Trinidad), v.18, 1941, no.7, July; no.8, Aug.

Billes, D. J. Pollination of *Theobroma cacao* L. in Trinidad, B. W. I., no.8, p.151-156, illus. Literature, p.156.

Cleare, L. D. The Amazon fly under drought conditions in British Guiana, no.7, p.131-134. References, p.134.

The protection of sugar cane from pests and diseases, no.8, p.[149]-150.

Tropical agriculturist (Peradeniya, Ceylon), v.96, no.4, Apr. 1941.

Alwis, E. de. The paddy pentatomid bug Scotinophara (Podops) lurida Burm., p.217-220, illus.

Die Umschau (Frankfurt-am-Main), v.45, 1941; no.2, Jan.12; no.8, Feb.23.

Frankenberg, G. von. Tiere mit saugnäpfen, no.8, p.120-123, illus.

Krische, P. Im kampf mit der schwarzen witwe [*Latrodectus mactans*], no.2, p.25-27, illus.

United States national museum. Washington, D. C. Proceedings, v.90, no.3108, 1941.

Webber, R. T. Synopsis of the tachinid flies of the genus *Tachinomyia*, with descriptions of new species, p.287-304, illus. Literature cited, p.304.

United States public health reports (Washington, D. C.), v.56, 1941; no.27, July 4; no.30, July 25.

Webster, S. H. Lead and arsenic ingestion and excretion in man, no.27, p.1359-1368, illus. References, p.1368.

Plague infection in North Dakota and Canada, no.30, p.1520-1521.

Tularemia infection found in fleas from prairie dogs in Wyoming, no.30, p.1521.

Věda přírodní (Praha), v.20, no.4, 1941.

Maran, J. Vodní broučí zvířena na lnářských rybnících a několik poznámek o původu a výskytu našich aquicolních coleopter, p.109-110, illus.

Vestnik zashchity rastenii (Bulletin of plant protection) (Moscow [etc.]), 1940, no.4-5.

Alexciev, J. A. A biological control of the noxious corn bug Eurygaster integriceps Put. by means of egg-parasites, no.4, p.81-[88], illus. Literatura, p.[88]. Text in Russian.

Beliaev, J. M. A chemical control measure against the frit fly, no.4, p.43-[52], illus. Text in Russian.

Beresina, V. M. Effect of hydrothermic soil conditions on the vertical migrations of the cockchafer larvae Melolontha hippocastani, no.5, p.43-[56], illus. Literatura, p.[56]. Text in Russian.

Davidov, G. A bait-apparatus "D-2," no.4, p.113-[115], illus. Text in Russian.

Doinikov, A. V. A new control measure against the codling moth, no.4, p.65-[66]. Text in Russian.

Goussev, V. I. Insect pests of walnut on the Black-Sea coast of the Caucasus, no.5, p.57-[61]. Text in Russian.

Grigorieva, T. G. The dynamics of wireworms on the rotation ground of cultures in the grassfield crop rotation, no.4, p.57-[64], illus. Literatura, p.[64]. Text in Russian.

Ismailov, J. J., and Shchitshenkov, P. I. Observations on the behaviour of the egg-parasite Trichogramma evanescens Westw. in the top of a fruit tree, no.4, p.78-[80], illus. Text in Russian.

Ivanova-Alexandrovskaia, Z. I. The use of the vivianite in the grain cellars, no.5, p.62-[66]. Literatura, p.[66]. Text in Russian.

Khara-Mursa, D. A. The biological control of Eurygaster bug making use of our fowl, no.5, p.76-[78]. Literatura, p.[78]. Text in Russian.

Lartshenko, C. J. The specialization of insect blood cells as an ecological basis of their development and propagation, no.4, p.23-[32]. Text in Russian.

Markin, A. C. The cotton-plant quarantine in the Tadzhik Soviet Socialist Republic, no.4, p.38-[42]. Text in Russian.

Match, G. E. The species composition of the hosts of the most important European species of Scolids, no.4, p.93-[101], illus. Literatura, p.100-[101]. Text in Russian.

Meyer, N. F. Species and races of the genus Trichogramma Westw., no.4, p.70-[77]. Literatura, p.[77]. Text in Russian.

Mirimanian, V. A. Effect of the oil emulsions on the physiology of citrus plants, no.5, p.88-[100], illus. Literatura, p.[100]. Text in Russian.

Vestnik zashchity rastenii (continued)

Naoomov, J. V. An advanced control test against pests and diseases of agricultural crops in the cotton growing regions, no.4, p.14-22. Text in Russian.

Ostrovski, N. J. A bio-chemical method for the determination of the death of the larvae of *Systole coriandri* Nik. after the desinsection of seeds, no.4, p.53-[56]. Literatura, p.[56]. Text in Russian.

Ostrovskij, N. I. Contribution to the diagnostics of the death of the insect larvae, no.5, p.85-[87]. Literatura, p.[87]. Text in Russian.

Ponomarenko, D. A. Phytonomus as a pest of seed-alfalfa in the south-east of the USSR and methods of its control, no.5, p.22-[36], illus. Literatura, p.[36]. Text in Russian.

Saharov, N. L. Injurious insects in connection with the problem of "The Large Volga," no.4, p.33-37. Text in Russian.

Shchepetilnikova, V. A. The biology of *Microphanurus semistriatus* Nees the egg-parasite of the corn-bug (*Eurygaster integriceps* Put.), no.4, p.89-[92], illus. Literatura, p.[92]. Text in Russian.

Shorokhov, S. I. Latest achievements in agricultural plant protection against pests and diseases at the All-Union agricultural show, Moscow, in 1940, no.5, p.15-21. Text in Russian.

Sierbinov, V. I., and Korsakova, M. V. Experiments on the use of *Bacterium galleriae* for the control of the apricot insects, no.5, p.79-[84]. Text in Russian.

Skoblo, I. S. The ecology of *Habrobracon brevicornis* and its use as a parasite of the corn ear worm, no.5, p.67-[75], illus. Text in Russian.

Strieltssov, I. The life history of the plant bug *Adolphocoris lineolatus* Goeze on alfalfa on the grassland in the Ukraine, no.5, p.37-[39]. Text in Russian.

Tshernishov, P. K. The manner of increasing the efficiency of fumigation against store pests, no.4, p.67-[69], illus. Text in Russian.

Yarmolenko, I. M., and Miedviediev, S. I. Methods of destruction of the gray beet bug larvae *Poecyloscytus cognatus* Fieb. on the disused lands in the Altai Region, no.5, p.40-[42]. Text in Russian.

Veterinary record (London), v.53, no.24, June 14, 1941.

Taylor, A. W., Holman, H. H., and Gordon, W. S. Attempts to reproduce the pyaemia associated with tick-bite. Part I.- The nature of the infections produced. Part II.- Comparison of the blood of the different infections, p.[337]-344, illus. References, p.344.

Vinos, viñas y frutas ([Buenos Aires]), v.36, no.429, May 25, 1941.

Gomez, J. M. La filoxera en San Juan, p.465-469.

Vlaamsch diergeneeskundig tijdschrift (Antwerp, [etc.]), v.9, no.6, June 1940.

Willems, A. E. R., and Matthijs, D. De pathogene werking van "Tyroglyphus farinae" in veevoeder, p.177-182, illus. Geraadpleegd, p.182. Text in Dutch. Brief summaries in French, English, and German, p.182.

Wiener entomologen-verein. Zeitschrift, v.25, no.12, Dec.15, 1940; v.26, 1941; no.1, Jan.15; no.2, Feb.15; no.5, May 15.

Buhr, H. Über verbreitung und ausländische nahrungspflanzen von neptikeln (Schluss), v.25, no.12, p.226-235. Verzeichnis der angeführten schriften, p.235.

Kautz, H. Betrachtungen über das ei-, raupen- und puppen-stadium, v.25, no.12, p.219-226.

Klimesch, J. Zur lebensweise der raupe von *Hyponomeuta stannellus* Thnbg. (Lep., *Hyponomeutidae*), v.26, no.1, p.[1]-9, illus.; *Eidophasia* (*Lunakia* nov. subgen.) *alyssella* nov. spec. (Lep., *Plutellidae*), v.26, no.5, p.[129]-137, illus.

Menhofer, H. *Cosymbia quercimontaria* Bastelb. - ein falter ozeanischer heiden und seine verbreitung. (Lep.), v.26, no.5, p.137-144, illus. Literaturverzeichnis, p.143-144.

Sterneck, J. von. Versuch einer darstellung der systematischen beziehungen bei den palaearktischen *Sterrhinae* (*Acidalinae*). Studien über *Acidalinae* (*Sterrhinae*) VIII. II. teil: Die gattung *Scopula* und deren nahe verwandte (fortsetzung), v.25, no.12, p.214-218; v.26, no.1, p.17-11; v.26, no.2, p.41-55. (Fortsetzung folgt.)

Wisconsin academy of sciences, arts and letters. Transactions (Madison, Wis.), v.32, 1940.

Marshall, R. Preliminary list of the Hydracarina of Wisconsin. Part VI, p.135-165, illus. Bibliography, p.152; The water mite genus *Tyrrella*, p.383-389, illus. Bibliography, p.388.

Moeck, A. H. A butterfly migration in Mexico, p.113-122. References, p.122.

Zeitschrift für angewandte entomologie (Berlin), v.27, no.3, Nov. 1940.

Beran, F. Versuche zur San-José-schildlaus-bekämpfung mit blausäure, p.[496]-502. Schrifttum, p.502. [*Aspidiota perniciosus* Comst.]

Franz, J. Der tannentriebwickler *Cacoecia murinana* Hb. Beiträge zur bionomie und ökologie, p.[345]-407, illus. Schrifttum, p.405-407.

Kirchner, H.-A. Versuche über den einfluss der nahrung auf die entwicklung und fruchtbarkeit von *Carausius (Dixippus) morosus*, p.[450]-463, illus. Literaturverzeichnis, p.463.

Mayer, A. Ernährungsphysiologische untersuchungen an nonnenraupen (*Lymantria monacha* L.), p.[408]-449, illus. Schrifttum, p.447-449.

Mell, R. Beiträge zur fauna sinica XX. Eiproduktion bei lepidopteren in tropenrandgebieten, p.[503]-539. Literatur, p.539.

Meuche, A. Untersuchungen am rapserdfloh (*Psylliodes chrysocephala* L.) in Ostholstein, p.[464]-495, illus.

Zeitschrift für forst- und jagdwesen (Berlin), v.73, no.1/2, Jan./Feb. 1941.

Wagenknecht, E. Untersuchungen über die schäden des kiefern-trieb-wicklers *Evetria (Tortrix) buoliana* auf kiefernkalturen, p.37-41.

Zeitschrift für morphologie und ökologie der tiere (Berlin), v.37, no.2, Dec. 30, 1940.

Krüger, E. Über die farbenvariationen der hummelart *Bombus variabilis*, p.[276]-386, illus.

Seitz, W. Zur frage des extremitätencharakters der tracheenkiemen von *Sialis flavilatera* L. Im rahmen allgemeiner biologischer untersuchungen, p.[214]-275, illus. Literaturverzeichnis, p.274-275.

Zeitschrift für parasitenkunde (Berlin), v.12, no.1, Dec.30, 1940.

Borchert, A. Über die acarapismilbe sowie über das problem ihrer bekämpfung, p.[86]-93.

Zeitschrift für pflanzenkrankheiten (pflanzenpathologie) und pflanzenschutz (Stuttgart), v.50, no.12, Dec. 1940; v.51, 1941; no.1, Jan.; no.5, May.

Bremer, H., Hähne, H., Körting, A, and Langenbuch, R. Beobachtungen quantitativer art über das auftreten von schäden an gemüsepflanzen auf dem versuchsfelde der zweigstelle aschersleben der Biologischen reichsanstalt für land- und forstwirtschaft während der jahre 1929 bis 1935. 3. Mitteilung. Schäden an erbsen und gurken, v.50, no.12, p.[577]-595, illus. Schriftennachweis, p.594-595.

Eckstein, K., and Neu, W. Die verwertung von maikäfern, v.51, no.1, p.1-19. Schrifttum, p.18-19.

Janisch, E. Die benutzung von klimaanlagen in der pflanzenschutzforschung, v.51, no.5, p.218-240, illus. Schriftenverzeichniss, p.240.

Morstatt, H. Ueber herkunft und verbreitung afrikanischer schädlinge, v.51, no.5, p.[209]-217.

Schaerffenberg, B. Bestimmungsschlüssel der wichtigsten deutschen scarabaeidenlarven, v.51, no.1, p.24-42, illus. Schrifttum, p.41-42.

Zeitschrift für tierpsychologie (Berlin), v.4, no.2, Mar. 1941.

Eichler, W. Bemerkenswerte unterschiede in der verhaltensweise von junglarven und imagines bei Phlugiola dahlemica Wd. Eichl. (Orthopt. Tettigoniid.), p.247-249. Schrifttum, p.249.

Friesling, J. Zur kenntnis des instinktlevens bei Theridium notatum L. und Theridium saxatile Koch, p.233-246, illus. Schrifttum, p.246.

Zeitschrift für wissenschaftliche zoologie (Leipzig), Abt. A, v.154, no.3, Mar. 1941.

Gontarski, H. Über zwischenformen von königen und arbeiterin im staat der honigbiene (Apis mellifica), p.345-356, illus. Schrifttum, p.356.

Gösswald, K. Über den einfluss von verschiedener temperatur und luftfeuchtigkeit auf die lebensäusserungen der ameisen. II. Über den feuchtigkeitssinn ökologisch verschiedener ameisenarten und seine beziehungen zu biotop, wohn- und lebensweise, p.247-344. Schrifttum, p.344.

Zoologische jahrbücher (Jena). Abt. für systematik, ökologie und geographie der tiere, v.74, 1941; no.4, Mar.5; no.5/6, May 28.

Schremmer, F. Sinnesphysiologie und blumenbesuch des falters von Plusia gamma L., no.5/6, p.[375]-434, illus. Literaturverzeichnis, p.433-434.

Söfner, L. Zur entwicklungsbiologie und ökologie der einheimischen psocopterenarten Ectopsocus meridionalis (Ribaga) 1904 und Entopsocus briggsi McLachlan 1899, no.4, p.[323]-360, illus. Literaturverzeichnis, p.358-360.

Zoologischer anzeiger (Leipzig), v.132, no.11/12, Dec.31, 1940; v.133, 1941; no.1/2, Jan.15; no.5/6, Feb.15; v.134, 1941; no.3/4, May 1; no.5/6, May 15.

Eichler, W. Wirtsspezifität und stammesgeschichtliche gleichläufigkeit (fahrenholzsche regel) bei parasiten im allgemeinen und bei mallophagen im besonderen, v.132, no.11/12, p.254-262. Literatur, p.261-262.

Jeschikov, J. Die dottermenge im ei und die typen der postembryonalen entwicklung bei den insekten, v.134, no.3/4, p.71-87, illus. Schrifttum, p.86-87.

Lenz, F. Die metamorphose der chironomidengattung *Cryptochironomus*, v.133, no.1/2, p.29-41, illus. Schrifttum, p.41.

Precht, H. Ein beitrag zur biologie der Triungulinuslarven von *Meloë*, v.132, no.11/12, p.[245]-254, illus. Literatur, p.254; Über den auf- und abstieg bei der luftatmung von wasserinsekten, v.133, no.1/2, p.20-28. Schrifttum, p.28.

Schaerfenberg, E. Die bedeutung des analen borstenfeldes für die fortbewegung des maikäferengerlings (*Melolontha hippocastani* F.), v.133, no.5/6, p.126-131, illus. Schrifttum, p.131.

Zavrel, J. Vergleichend morphologische untersuchungen an den podonominenlarven (Diptera, Chironomidae), v.134, no.5/6, p.105-115, illus. Schrifttum, p.115.

TRANSLATIONS

The Bureau Library maintains a file of translations which have been received as gifts or made at the request of Bureau workers. The following list has been selected from those now on hand. These papers are available for loan by application to the Bureau Library.

Edlbacher, S., and Segesser, A. von.

Der abbau des histidins und anderer imidazole durch ascorbinsaure.

[The decomposition of histidine and of other imidazols by ascorbic acid.] Biochem. Ztschr. v.290, p.370-377, 1937.
Translation by C. Zeimet.

Edlbacher, S.

Zur kenntnis des intermediären stoffwechsels des histidens.

I. Mitteilung. [To the knowledge of the intermediary metabolism of the histidine.] Hoppe-Seylers Ztschr. f. Physiol. Chem. v.157, p.106-114, 1936. Translation by C. Zeimet.

Gebauer, O.

Beobachtungen und betrachtungen zum jahreszyklus der beiden dasselfliegen des rindes. [Observations and considerations on the annual life cycle of two species of *Hypoderma*.] Ztschr. f. Infektionskrank., Parasitäre Krank. u. Hyg. der Haustiere, v.56, p.207-228, 1940. Translation by C. Zeimet.

Lazarenko, T.

Beiträge zur vergleichenden histologie des blutes und des bindege-
webes. II. Die morphologische bedeutung der blut und bindege-
webeelemente der insekten. [Contributions to the comparative
histology of the blood and connective tissues. II. The morpho-
logical importance of the blood and connective tissues in insects.]
Ztschr. f. Mikros.-Anat. Forsch. v.3, p.409-499, 1925. Transla-
tion by C. Zeimet.

Peters, G.

Die biologisch-chemische eignungsprüfung gäsförmig wirkender
insektizide. [The chemico-biological test of gaseous substances
to qualify as insecticides.] Anz. f. Schädlingsk. v.14, p.116-
122, 1938. Translation by C. Zeimet.

Schultze-Rhonof, F.

Kurzer beitrag zur therapie des Pruritus vulvae. [Short contribu-
tion to the therapy of Pruritus vulvae.] Zentbl. f. Gynäkol.
v.61, p.610-613, 1937. Translation by C. Zeimet.

9
852E ENTOMOLOGY

CURRENT LITERATURE

SELECTED REFERENCES COMPILED BY THE STAFF OF THE BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
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This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.

BOOKS

Alvarado, J. A.

Los insectos dañinos y los insectos auxiliares de la agricultura en Guatemala. Primera edición. 301, [2]p. illus. Guatemala, C. A., May 1939. Literatura consultada, p.293-295.

American Museum of Natural History.

American museum novitates. No.1124, 1134. New York City, 1941.
Contents.- no.1124. Blackwelder, R. E. A monograph of the genus Trigonurus (Coleoptera: Staphylinidae). 13p. Bibliography, p.12-13;
no.1134. Snyder, F. M. Contribution to a revision of neotropical Mydaeini (Diptera: Muscidae). 22p.

Australia. Council for Scientific and Industrial Research.

Studies on some ectoparasites of sheep and their control. 1. Observations on the bionomics of the sheep ked (Melophagus ovinus), by W. P. H. Graham... 2. Chemical and biological studies on certain arsenical dipping fluids, by M. R. Freney, M. Lipson, and W. P. H. Graham... 3. Chemical observations on commercial powder sheep dips with special reference to their arsenic content. 44p. illus. Melbourne, 1941. Contains bibliographies. Processed. (Pam. no. 108)

Bewley, W. F.

Tomatoes: cultivation, diseases and pests. 78p. illus. London, 1941. Partial contents.- Pests of the tomato, p.53-65. (Gt. Brit. Min. agr. and fisheries. Bul. no.77)

Braun, H., and Riehm, E.

Die wichtigsten krankheiten und schädlinge der landwirtschaftlichen und gärtnerischen kulturpflanzen und ihre bekämpfung... 270p. illus. Berlin, Paul Parey, 1940.

Dobzhansky, T. G.

Genetics and the origin of species. 2d ed., rev. xviii, 446p. illus. New York, Columbia University press, 1941. Literature, p.381-428. (Columbia biological series no. XI)

East Malling Research Station.

Annual report (twenty-seventh year) 1939... 88p. illus. [London and Ashford, Kent, Headley brothers], 1940. Partial contents.- Moore, M. H. Routine spraying programme, p.17-19; Tydeman, H. M. Apple rootstocks immune from woolly aphid. II. The testing in the nursery of new seedling immunes, p.44-46. References, p.46; III. The influence of four new seedling immunes on Lane's Prince Albert, p.46-48; Normald, H. The angular leaf spot of apple trees, p.63-66, illus. References, p.64. Appendix, p.64-66 [Leaf spot of apple and pear transmitted by Cercopis sanguinea Geoff.]; Massee, A. M. Notes on some interesting insects observed in 1939, p.70-73.

Fennah, R. G.

Citrus pests investigation. Report on a visit to Jamaica in November, 1940. 11p. illus. Kingston, Printed by the Government printer, 1941. (Jamaica. Dept. sci. and agr. Bul. n.s. no.30)

Griot, M.

Eficacia de los tipos de aceite mineral para combatir la Cochinilla "coma," empleando el metodo de la "mezcla en el tanque." 12p. Santa Fe, República Argentina, 1941. Bibliografia, p.9-10. (Santa Fe [Prov.], Argentina. Inst. expt. de invest. y fomento agr.-ganad. Pub. tec. no.28)

Hayward, K. J.

La "polilla negra" del duraznero (*Cydia molesta* Busck). 10p. illus. Tucuman, República Argentina, 1941. (Tucuman. Estac. expt. agr. Cir. no.99)

Huckett, H. C.

A revision of the North American species belonging to the genus *Pegomyia* (Diptera: Muscidae). 131p. illus. Philadelphia, 1941. (Amer. ent. soc. Mem. no.10)

Hynes, H. B. N.

A key to the British species of Plecoptera (stoneflies) with notes on their ecology. 39p. illus. [Nottingham, E. H. Lee], 1940. References, p.37-39. (Freshwater biol. assoc. of the British Empire. Sci. pub. no.2)

Jacobi, A.

Tiergeographie. Zweite auflage. 153p. illus. Berlin, Walter de Gruyter & co., 1939.

Knapp, H. B., and Auchter, E. C.

Growing trees and small fruits. Second edition. xviii, 615p. illus. New York, John Wiley & sons, inc.; London, Chapman & Hall, limited, 1941. Partial contents.- Chapter VI. Controlling insects and diseases, p.269-360.

Lane, J.

Catálogo dos mosquitos neotrópicos. 218p. São Paulo, Clube zoológico do Brasil, [1939]. Bibliografia, p.[177]-210. (Bol. biol. Ser. monog. no.1)

Liebermann, J.

Los acridios sedentarios y su relacion con la produccion de forajes. p.[365]-571. [Buenos Aires], Tip. Gundlach, 1940. At head of title: II Congresso Rio Grandense de Agronomia.

"Livro de homenagem" aos Professores Alvaro e Migueal Ozorio de Almeida.

Editado por collegas amigos, assistentes e discipulos em honra ás suas actividades scientificas. 649p. illus. Rio de Janeiro, Brasil, [Impresso na typographia do Instituto Oswaldo Cruz], 1939. Partial contents.- Souza Lopes, H. de. Sobre a Xanthaciura unipuncta Halloch, 1933 (Dipt.: Trypetidae), p.[425]-[428], illus.; Travassos, L. Algumas observações sobre diapausa de crisálidas de lepidópteros, p.[595]-606, illus.

Loeser, J. A.

Animal behaviour - impulse - intelligence - instinct. 178p. illus. London, Macmillan and co. limited, 1940.

Lutz, F. E.

A lot of insects, entomology in a suburban garden. 304p. illus. New York, G. P. Putnam's sons, [c1941].

[Morocco]. Bureau de la Défense des Végétaux.

Rémento no.57, 2^e ed.; no.58-59. Rabat, [Imprimerie officielle], 1940-41. Contents.- no.57, 2^e ed. Les pucerons des plantes maraîchères. 11p. 1940; no.58. Les insectes nuisibles aux grains emmagasinés. 30p. 1940; no.59. Les rongeurs nuisibles. 45p. illus. 1941.

New York Herald Tribune. Home Institute. Compiler.

America's housekeeping book. 607p. illus. New York, Charles Scribner's sons, 1941. Partial contents.- Sect. 5. Control of household pests, p.345-386.

Parker, B. M.

Insect societies. 34, [2]p. illus. New York City, Evanston, Ill., San Francisco, R. W. Peterson and company 1941. (Basic science education series)

Parker, B. M.

Insects and their ways. 34, [2]p. illus. New York City, Evanston, Ill., San Francisco, R. W. Peterson and company, 1941. (Basic science education series)

Parker, B. M., and Gregg, R. E.

Insect friends and enemies... 35, [1]p. illus. New York City, Evanston, Ill., San Francisco, R. W. Peterson and company, 1941. (Basic science education series)

Pennsylvania: University. Bicentennial Conference.

Problems and trends in virus research. By Thomas M. Rivers, Wendell H. Stanley, Wilbur A. Sawyer, Thomas Francis, Jr., Richard E. Shope, Joseph Stokes, Jr., and Geoffrey Rake. 75p. Philadelphia, University of Pennsylvania press, 1941. Partial contents.- Sawyer, W. A. Yellow fever and its control, p.27-39. References, p.37-39.

Ross, H. H.

How to collect and preserve insects. 48p. illus. Urbana, 1941. (Ill. Nat. hist. surv. Cir. 39) [Revision of Cir. no.25.]

Smithsonian Institution.

Annual report of the Board of regents... 1940. 512p. illus. Washington, United States Government printing office, 1941. Partial contents.- Walker, E. P. Animal behavior, p.271-312, illus.; Carter, W. Insects and the spread of plant diseases, p.329-342, illus.

Snelgrove, L. E.

The introduction of queen bees. First edition. 205p. illus. Paulton (Somerset) and London, Aug. 1940.

Takahashi, R.

Some injurious insects of agricultural plants and forest trees in Siam and Indo-China, I. Aphididae. 27p. illus. Taihoku, Taiwan, Published by the Institute, 1941. (Formosa. Govt. agr. res. inst. Rpt. no.78)

Townsend, C. H. T.

Manual of myiology. Part XI. Oestroid generic diagnoses and data. Goniini to Trypherini. 330p. Itaquaquecetuba, São Paulo, Brasil, Charles Townsend & filhos, 1941.

Uganda. Department of Agriculture.

Agriculture in Uganda, by the staff of the Department of agriculture. Edited by J. D. Tothill. 551p. illus. London, Oxford university press; Humphrey Milford, 1940. Partial contents.- Gwynn, A. M., and Hargreaves, H. Cotton-pests, p.229-288; Hargreaves, H. Coffee-pests, p.340-380. [Pests of other crops as follows: Bananas, p.121-124; Sweetpotato, p.128-134; Cassava, p.138; Bulo, p.146-147; Maize, p.150-153; Sorghum, p.156; Rice, p.161; Wheat, p.163; Ground nuts, p.168-169; Simsia, p.175-176; Sugar-cane, p.395-396; Tobacco, p.409-410; Hevea, p.423; Tea, p.442; Oil palm, p.449; Hydnocarpus, p.466.]

Ullyett, G. C., and De Vries, A. H.

Observations on the natural control of sheep blowflies in South Africa.

Part I. Predatory wasps of the genus *Bembix* Fabr. 23p. illus.

Pretoria, 1940. (So. Africa. Dept. agr. and forestry. Sci. bul. 224 (Ent. ser. no.6).)

Materston, J. M.

A list of food-plants of some Bermuda insects. 63p. Hamilton, Government printer, 1941. At head of title: Department of agriculture, Bermuda.

PERIODICALS

El agricultor mexicano (Juárez), v.57, no.10, Oct. 1941.

Toledo, P. S. Principales plagas del aguacate en México, p.11-10, 14-15. La hormiga arriera [Atta] y manera de combatirla, p.[1]-9.

Agricultura; revista agropecuaria (Madrid), v.10, no.112, Aug. 1941.

Castro, A. R. El "gusano" o "hilandero" de las uvas, p.297-301, illus.

Agricultura e pecuaria (Rio de Janeiro), v.9, no.220, July 1941.

Brandão Filho, J. S. A luta contra os bichos de fruta, p.19-21.

Agricultural gazette of New South Wales (Sydney), v.52, pt.9, Sept. 1, 1941.

Insect pests. Notes contributed by the Entomological branch, p.484-488, illus. [The Australian plague locust (*Chortoicetes terminifera*); Fruit flies (Trypetidae); Waste fruit pits; Arsenical residues on cabbages and cauliflowers.]

American journal of hygiene (Lancaster, Penn.), v.34, no.2, Sept. 1941.

Kiker, C. C., and Breedlove, H. E. Mosquito-proofing for malaria control from the standpoint of construction costs, Sec.C, p.95-101, illus. References, p.101.

Smith, G. E., Watson, R. B., and Crowell, R. L. Observations on the flight range of *Anopheles quadrimaculatus*, Say, Sec.C, p.102-113, illus. References, p.113.

Watson, R. B., and Maher, F. C. An evaluation of mosquito-proofing for malaria control based on one year's observations, Sec.C, p.86-94, illus. References, p.93-94.

American journal of tropical medicine (Baltimore), v.21, no.5, Sept. 1941.

Boyd, K. F. On the temperature of incubation for anophelines infected with *Plasmodium falciparum*, p.689-694.

Knipe, F. W. The use of solidified carbon dioxide in developing pressure for spray-killing adult mosquitoes in malaria control, p.671-679, illus. References, p.679.

Homp, W. H. W. The occurrence of *Anopheles darlingi* Root in Central America, p.659-670, illus. References, p.670.

Russell, P. F. A classification of measures of malaria prophylaxis and mosquito control, p.681-687. References, p.687.

American midland naturalist (Notre Dame, Ind.), v.26, no.3, Sept. 1941.

Spieth, H. T. Taxonomic studies on the Ephemeroptera. II. The genus *Hexagenia*, p.233-280, illus. References, p.272-273.
Weber, H. A. The rediscovery of the queen of *Eciton* (*Labidus*) *coecum* Latr. (Hym.: Formicidae), p.325-329, illus.

American pecan journal (Waco, Texas), v.1, no.12, Sept. 1941.

Hixson, E. The walnut datana [*Datana integerrima* F. and R.], [pt.3], p.12-14, illus.

American potato journal (Somerville, N. J., and New Brunswick, N. J. [etc.]), v.18, no.9, Sept. 1941.

Whipple, O. C., and Allen, T. C. Three years of potato spraying in southeastern Wisconsin, p.254-261.

Annals and magazine of natural history (London), ser.11, v.7, no.42, June 1941.

Corbet, A. S. A revision of the Malaysian genus *Tanaëcia* Btlr. (Lepidoptera: Nymphalidae), p.507-520, illus.

Kimmings, D. E. Notes of British Psocoptera. - I. *Elipsocus hyalinus* (Steph.), and its allies, p.520-530, illus.

Nixon, G. E. J. The Indian and African species of *Rhaconotus* Ruthe. (Hym., Braconidae), p.[473]-503, illus.

Annals of applied biology (London), v.28, no.3, Aug. 1941.

Finney, D. J. Wireworm populations and their effect on crops, p.282-295, illus. References, p.295.

Fisher, R. C. Studies of the biology of the death-watch beetle, *Kestobium rufovillosum* De G. IV. The effect of type and extent of fungal decay in timber upon the rate of development of the insect, p.244-260, illus. References, p.260.

Hobson, R. P. Sheep blow-fly investigations. IX. On some physical aspects of sheep dipping, p.261-272, illus. References, p.272; X. On the possibilities of calomel for the control of sheep maggots [*Lucilia sericata*], p.273-281, illus. References, p.281.

Kassanis, B. Transmission of tobacco etch viruses by aphides, p.238-243.

MacLeod, J. Recent work on the sheep tick [*Ixodes ricinus*] and its bearing on control measures, p.296-297. (Summary.)

Thomas, I. Some practical aspects of the sheep blow-fly problem, p.299. (Summary.)

Archief voor de suikerindustrie in Nederland en Nederlandsch-Indië (Pasoeroean, Java), v.2, no.9, Aug. 1941.

Diakonoff, A. Bladscheedewants, een vijand van boorderrupsen, p.[205]-213, illus. Aangehaalde literatuur, p.212. Text in Dutch. English summary, p.213. [Probably *Scoloposcelis parallelus* Motsch.]

Argentine Republic. Junta nacional de algodón. Boletin mensual (Buenos Aires), no.75, July 1941; no.76, Aug. 1941.

Mallo, R. G. Proyecto de instalacion de un insectario y sus funciones, no.76, p.[660]-665, illus.

Pinochet, H. M., and Seitún, S. T. Resultados de la experimentacion de tratamientos contra las plagas animales del algodonero, no.75, p.[580]-587.

Associação central da agricultura portuguesa. Boletin (Lisbon), v.34, no.2, Apr./June 1941.

Flexia, J. G. N. O parasita "Lymantria" nos montados de sôbro, p.39-41.

Auckland institute and museum. Records, v.2, no.5, June 16, 1941.

Powell, A. J. B. Biological primary types in the Auckland museum, v.[239]-259.

Australia. Council for scientific and industrial research. Melbourne.

Journal, v.14, no.3, Aug. 1941.

Gay, F. J., and Ratcliffe, F. N. The importance of Rhizopertha dominica as a pest of wheat under wartime storage conditions, p.173-180. References, p.180.

De Bergcultures (Batavia), v.15, no.30, July 26, 1941.

Spoon, W. Stuiven en spuiten met derris tegen de vlasthrips in Nederland, p.1020-1023, illus.

Botanical review (Lancaster, Penn.), v.7, no.10, Oct. 1941.

Snelling, R. O. Resistance of plants to insect attack, p.543-586. Bibliography, p.562-586.

Boyce Thompson institute. Yonkers, N. Y. Contributions, v.12, no.2, July/Sept. 1941.

Hartzell, A., and McKerna, G. F. Preliminary experiments on the control of the holly leaf miner [Phytomyza ilicicola Loew], p.119-126, illus. Literature cited, p.125-126.

Hartzell, A., and Wilcoxon, F. A survey of plant products for insecticidal properties, p.127-141, illus. Literature cited, p.140-141.

Brasil-medico (Rio de Janeiro), v.55, no.37, July 5, 1941.

Magalhães, O. de., and Guimarães, R. Algumas observações sobre acidentes pela picada dos escorpiões (T. serrulatus), p.[461]-465, illus.

British medical journal (London), no.4206, Aug.16, 1941.

Buchan, J. F. 100 cases of scabies: a comparison of treatments, p.227-228. References, p.228.

Brooklyn entomological society. Bulletin (Lancaster, Penn.), v.36, no.4, Oct. 1941.

Barr, W. F. New distributional records of Paratyndaris (Coleoptera, Buprestidae), p.168-169.

Breland, O. P. Notes on the biology of Stagmomantis carolina (Joh.) (Orthoptera, Mantidae), p.170-177. Literature cited, p.177.

Flock, R. A. Biological control of the brown-banded roach [Supella supellectilium], p.178-181. Bibliography, p.181.

Usinger, R. L. A remarkable immigrant leptopodid [Patapius spinosus Rossi] in California, p.164-165.

White, B. E. A new Nodonota [N. parkeri White, n. sp.] with a key to the United States species (Coleoptera: Chrysomelidae), p.163-164.

Bulletin of entomological research (London), v.32, 1941; pt.1, Apr.; pt.2, Aug.

Bryant, G. E. On the African species of Phyllotreta (Col., Halticinae), pt.2, p.145-152, illus.

Buxton, P. A. The recorded distribution of certain fleas, pt.2, p.119-123, illus.

Ferriere, C. New species of Euplectrini (Hym. Chalcidoidea) from Europe, Africa and Asia, pt.1, p.17-48.

Golding, F. D. Capsid pests of cacao in Nigeria, pt.1, p.83-89. References, p.88-89; Two new methods of trapping the cacao moth (Ephestia cautella), pt.2, p.123-132. References, p.131.

Hinton, H. E. A new Atomaria from mushroom-beds in South Africa (Col., Cryptophagidae), pt.2, p.133-134, illus.

Hinton, H. E., and Stephens, F. L. Notes on the biology and immature stages of Cryptophagus acutangulus, Gyll. (Col., Cryptophagidae), pt.2, p.134-143, illus. References, p.143.

Jackson, C. H. N. The economy of a tsetse [Glossina morsitans] population, pt.1, p.53-55. References, p.55.

Kirkpatrick, T. W. Helopeltis (Hem., Capsidae) on cinchona, pt.2, p.103-110, illus. References, p.110.

Krishna Ayyar, P. N., and Margabandhu, V. Biology of the cotton stem-veevil, Pempherulus affinis, Fst., under controlled physical conditions, pt.1, p.61-82, illus. References, p.81-82.

Leeson, H. S. The survival of unfed Pediculus humanus corporis, De Geer (Anoplura) at different temperatures, pt.1, p.49-51.

Mamet, R. A new mealy bug [Pseudococcus pseudobrevipes sp. n.] attacking pineapple plants in Mauritius, pt. 1, p.57-59, illus.

Mattheson, C. The distribution of Cimex lectularius in towns in England and Wales, pt.2, p.165-171. References, p.171.

Miller, N. C. E. Insects associated with cocoa (Theobroma cacao) in Malaya, pt.1, p.1-15, illus. References, p.15.

Nixon, G. E. J. New braconid parasites of Antestia lineaticollis, Stål, and of Sylepta derogata, F., pt.2, p.93-101, illus. References, p.101; New African and oriental species of Microdus, Nees, from known hosts (Hymenoptera, Braconidae), pt.2, p.111-118, illus.

Vesey-Fitzgerald, D. Some insects of economic importance in Seychelles, pt.2, p.153-160; Progress of the control of coconut-feeding Coccidae in Seychelles, pt.2, p.161-164.

Caldasia; boletín del Instituto de ciencias naturales de la Universidad nacional de Colombia ([Bogota]), no.2, Aug.15, 1941.

Richter, L. Contribucion al conocimiento de los Membracidae de Colombia, p.[66]-74, illus.

California. Department of agriculture. Sacramento. Bulletin, v.30, no.3, July-Sept. 1941.

The tomato mite [Phyllocoptes destructor], p.[290].

California. University. Berkeley. Publications in entomology, v.7, no.6, Aug.27, 1941.

Bohart, R. M. A revision of the Strepsiptera with special reference to the species of North America, p.91-159, illus. Bibliography, p.153-156.

Canadian entomologist (Orillia), v.73, 1941; no.8, Aug.; no.9, Sept.

Gorham, R. P. Aphid flights observed in New Brunswick, no.9, p.[157]-158.

Jacobson, L. A., and Farstad, C. W. Some observations on differential feeding on maturing wheat varieties by grasshoppers, no.9, p.158-159.

Weber, N. A. Notes on the effect of drouth upon the nesting habits of ants, no.8, p.140-141.

Williams, R. V. Notes on the bionomics of the milkweed beetle Tetraopes tetraphthalmus (Forst.) (Cerambycidae), no.8, p.[137]-139.

Chacaras e quintaes (São Paulo), v.64, no.2, Aug.15, 1941.

Viégas, A. P. A cochonilha do cafeiro [Coccus viridis (Green)] e o fungo que a combate, p.[183]-184, illus.

La Chacra (Buenos Aires), v.11, no.131, Sept. 1941.

Joan, T. Desarrollo evolutivo de la garrapata de los vacunos, p.[84]-[86], illus.

Magistretti, G. Por qué no han sido eficaces los medios de lucha empleados contra el bicho canasto [Oeceticus-Kirbyi, Guild], p.32-33, illus.

Condiciones del ganado parasitado por la garrapata, p.76, 89, illus.

Chicago academy of sciences. Bulletin, v.6, no.4, Aug.15, 1941.

Williams, E. C. An ecological study of the floor fauna of the Panama rain forest, p.63-124, illus. Bibliography, p.120-124.

Chinese medical journal (Peiping), v.59, no.6, June 1941; v.60, no.1, June 1941.

Chung, H.-L., and Feng, L.-C. Further observations on natural infection of Phlebotomus chinensis in Peiping with Leishmania flagellates, v.59, no.6, p.[540]-542.

Jettmar, H. M. The use of pyrethrum powder in colloidal solution as larvicide, v.59, no.6, p.[565]-569. References, p.569.

Jordan, J. H., and Silvey, W. J. The comparative value of phenothiazine, paradichlorbenzene, tetralin, trichlorethylene and pyrethrum extracts as mosquito larvicides, v.60, no.1, p.[66]-72. References, p.72.

Yao, Y. T., and Wu, C. C. Notes on the Chinese species of genus Phlebotomus. Pt. IV. Diagnostic tables for the Chinese species of sandflies with some remarks on their geographical distribution, v.60, no.1, p.73-78, illus. References, p.78; Pt. V. Some additional records of Phlebotomus from Yunnan Province, South China, v.60, no.1, p.[79]-80. References, p.80.

Costa Rica. Instituto de defensa del café. Revista (San José, Costa Rica), v.11, no.82, Aug. 1941.

Gómez-Menor O., J. Las plagas en la agricultura, p.295-298. (De su obra inedita "Las plagas en la agricultura.")

Cytologia (Tokyo), v.11, no.4, Aug. 1941.

Suzuki, K. Development of Plasmodium praecox in Culex pipiens pallens, p.526-536, illus. Literature, p.536.

Dansk frøavl (Kobenhavn), v.24, no.15, Aug.1, 1941.

Wraa-Jensen, H. Skaermplantemøllets levevis og bekaempelse, p.[133]-136, illus.

Durham [Eng.] University. Philosophical society. Proceedings, v.10, pt.3, Dec. 1940.

McLagan, D. S. Sunspots and insect outbreaks: an epidemiological study, p.173-199, illus. References to literature, p.197-199.

East African agricultural journal ... (Nairobi), v.7, no.1, July 1941.

Staples, R. R. Anti-tsetse clearing and land use, p.48-50.
References, p.50.

Ecological monographs (Durham, N. C.), v.11, no.4, Oct. 1941.

Isely, F. B. Researches concerning Texas Tettigoniidae, p.[457]-475, illus. Literature cited, p.474-475.

Ecuador. Cámara de agricultura de la primera zona. Quito. Revista, v.4, no.20/23, Apr./July 1941.

Salvestrini, P. Algo más sobre enfermedades propagadas por las garrapatas en el Ecuador y algo más sobre baños garrapaticidas, p.66-75. (Continuación del artículo "Algo sobre piroplasmosis del ganado vacuno.")

Egyptian agricultural review (Revue agricole égyptienne) ([Cairo?]), v.17, no.6, June 1939.

Eff, A. K. Plantes attaquées par la courtilière et nature des dégâts, p.36-37. (Abstract. Original text in Egyptian, with illustrations.)

Entomologica Americana (Lancaster, Penn.), n.s., v.21, no.3, July 1941.

Helfer, J. R. A revision of the genus *Buprestis* of North America north of Mexico (Coleoptera, Buprestidae), p.123-198, illus.

Entomological news (Philadelphia), v.52, no.8, Oct. 1941.

Clark, A. H. The genus *Colias* in North America (Lepidoptera: Pieridae), p.220-225. (Continued from page 187.)

Richards, A. G., Jr. A stenogamic autogenous strain of *Culex pipiens* L. in North America (Diptera: Culicidae), p.211-216. Literature cited, p.215-216.

Entomological society of America. Annals (Columbus, Ohio), v.34, no.3, Sept. 1941.

Carter, W. *Peregrinus maidis* (Ashm.) and the transmission of corn mosaic. I. Incubation period and longevity of the virus in the insect, p.551-556. Literature cited, p.556.

Fairchild, G. B. Notes on Tabanidae (Dipt.) from Panama. IV. The genus *Leucotabanus* Ad. Lutz, p.639-638, illus.; V. The genus *Tidena* Walker, p.639-646, illus. Bibliography, p.645-646.

Fisk, F. W. *Deinocerites spanius* at Brownsville, Texas, with notes on its biology and a description of the larva, p.543-550, illus.

Entomological society of America. Annals (continued)

Headley, A. E. A study of nest and nesting habits of the ant *Lasius niger* subsp. *alienus* var. *americanus* Emery, p.649-657, illus.

Jones, S. E. Influence of temperature and humidity on the life history of the spider *Agelena naevia* Walckenaer, p.557-571, illus. Bibliography, -570-571.

Rau, P. The swarming of *Polistes* wasps in temperate regions, p.580-584.

Smith, C. F. A new species of hymenopterous parasite of the pea aphid (*Macrosiphum pisi* Kaltenbach), p.537-538.

Sparks, S. D. Surface anatomy of ants, p.572-579, illus.

Entomologist (London), v.74, 1941; no.937, June; no.938, July; no.939, Aug.

Eliot, J. N. Birds eating butterflies, no.937, p.139.

Kimmins, D. E. Under-water emergence of the sub-imago of *Heptagenia lateralis* (Curtis) (Ephemeroptera), no.939, p.[169]-170, References, p.170.

Littlewood, F. On rearing Lepidoptera, no.937, p.124-130; no.938, p.161-165; no.939, p.177-183. (Continued from p.106. To be continued.)

Wright, A. E. *Polyommatus icarus* (Rott.): an account of its variation in north Lancashire and south Westmoreland, no.938, p.[145]-152.

Entomologist's monthly magazine (London), ser.4, v.2 (whole ser. v.77), 1941; no.19 (whole ser. no.926), July; no.20 (whole ser. no.927), Aug.

Coe, R. L. *Chrysochlamys ruficornis* F. (Dipt., Syrphidae): its distinctions from *C. cuprea* Scop., no.19, p.165-167, illus. References, p.167.

Emden, F. I. van. Larvae of British beetles. II. A key to the British Lamellicornia larvae, no.20, p.181-192. (Concluded from page 127.)

Hardy, E. Reactions of certain Diptera to colours, no.20, p.169-171.

Hinton, H. E. A synopsis of the American species of *Austrolimnius* Carter (Col., Elmidae), no.19, p.156-163, illus.

Parmenter, L. Further records of predaceous flies and their prey, no.19, p.154-155.

Entomologist's record (London), v.53, no.7/8 and suppl., July/Aug. 1941.

Murray, D. Secondary sexual characters in British moths, p.73-75, illus.

Talhouk, A. M. S. More notes on *Eriogaster philippii*, Bart., p.76-77, illus.

Turner, H. J. The British *Noctuae* and their varieties, suppl., p.21-24.

Eos (Madrid), v.17, no.1/2, July 15, 1941.

Agenjo, R. Monografía de la familia *Thaumetopoeidae* (Lep.), p.[69]-130, illus. Bibliografía, p.120-127.

Ceballos, G. Revisión de los *Phygadeuonini* de España (Hym. Ichneum.), p.[7]-67, illus.

Nari, J. G. *Cerceris paleárticos*. II. Los *Cerceris* del Africa paleártica (Hym. Spheg.), p.[135]-240, illus.

Farming in South Africa (Pretoria), v.16, 1941: no.185, Aug.; no.186, Sept.

Geyer, J. W. The biological control of the "Rondeblaar" prickly pear, no.186, p.301-304, illus.

Oosthuizen, M. J. Insects in stored grain, no.185, p.278.

Smit, C. J. B. Forecasts of incipient outbreaks of the brown locust [*Locustana pardalina* (Walk.)], no.185, p.305-308, illus. References, p.308.

The Field; the country newspaper (London), v.178, no.4623, Aug. 2, 1941.
Nicholas, W. W. The life-cycle of the emperor moth (Saturnia paronia),
p.141. (Photographs.)

Fiji. Department of agriculture. Agricultural journal (Suva), v.12, no.3,
Sept. 1941.

Lever, R. J. A. W. Entomological notes, p.77-80. [Identification of
a rare fruit-fly [Strumeta (Chaetodacus) distinctus Mall.]; A leaf-
rolling caterpillar of tea [Adoxophyes fasciculana Walk.]; A capsid
bug on brinjal [Lygus muiri Poppius]; Shot-hole or ambrosia beetle
borers.] References at ends of articles.

Formosan agricultural review (Taiwan Nōzihō) (Taihoku), v.37, 1941; no.6,
June; no.7, July.

Ishimaru, H. The derris in Hainan Island, China, no.6, p.[439]-448.
[Bibliography], p.448. Text in Japanese.

Moriyama, T. Studies on the lethal-effects of insecticides. Part 3.
The symptom of death caused by toxicity of the derris sprayed on the
body surface of certain insects, no.7, p.539-553. Text in Japanese.

Sonan, J. Some kinds of the ant collecting plant-seeds, no.6, p.473-476.
[Bibliography], p.476. Text in Japanese.

Guatemala. Secretaria de agricultura. Revista agricola, v.18, no.4, Apr.
1941.

Ippisch, F. Raiz de derris y otras plantas insecticidas útiles e
importantes para su cultivo en Guatemala, p.86-89, illus.

Manejo del estiércol y perjuicios de las moscas, p.90-94. (De "Agri-
cultura"; Bogotá, Colombia.)

Human biology; a record of research (Baltimore), v.13, no.3, Sept. 1941.

Morgan, B. B. The seasonal occurrence of tularemia in the north central
states, p.[334]-349, illus. List of literature, p.349.

Hygeia (Chicago, Ill.), v.19, no.10, Oct. 1941.

Hench, P. S. Conquerors of yellow fever, p.781-784, illus.

Indian journal of agricultural science (New Delhi), v.11, pt.2, Apr. 1941.

Rahman, K. A., and Khan, A. W. Biology and control of woolly aphid
Eriosoma lanigerum Hausm. (Aphididae: Rhynchota) in the Punjab,
p.265-278, illus. References, p.278.

Instituto de café do Estado de S. Paulo. São Paulo. Revista, v.16, no.174,
Aug. 1941.

Mendes, L. O. T. A infestação pela "broca do café" em relaçao ao tamanho
dos frutos, p.1032-1033.

Journal of animal ecology (London), v.10, no.1, May 1941.

Barnes, H. F. Studies of fluctuations in insect populations VIII. The
wheat blossom midges on broadbalk 1932-40, with a discussion of the
results obtained 1927-40, p.94-120, illus. References, p.120.

Erichsen Jones, J. R. The fauna of the River Dovey, West Wales, p.12-24,
illus. References, p.24.

Journal of cellular and comparative physiology (Philadelphia, Penn.), v.18, no.2, Oct. 20, 1941.

Bodine, J. H., and Allen, T. H. Enzymes in ontogenesis (Orthoptera): XV. Some properties of protyrosinases, p.151-160, illus. Literature cited, p.160.

Journal of experimental biology (London), v.18, no.2, Aug. 1941.

Bentley, E. W., Gunn, D. L., and Ewer, D. W. The biology and behaviour of Ptinus tectus Boie. (Coleoptera, Ptinidae), a pest of stored products. I. The daily rhythm of locomotory activity, especially in relation to light and temperature, p.182-195, illus. References, p.194-195.

Waloff, N. The mechanism of humidity reactions of terrestrial isopods, p.115-135, illus. References, p.135.

Journal of experimental zoology (Philadelphia), v.88, no.1, Oct. 6, 1941.

Frings, H. The loci of olfactory end-organs in the blowfly, Cynomyia cadaverina Desvoidy, p.65-93, illus. Literature cited, p.92-93.

Journal of industrial hygiene and toxicology (Baltimore), v.23, no.8, Oct. 1941.

Irish, D. D., Adams, E. M., Spencer, H. C., and Rowe, V. K. Chemical changes of methyl bromide in the animal body in relation to its physiological effects, p.408-411. Bibliography, p.411.

Journal of morphology (Philadelphia, Penn.), v.69, no.2, Sept. 2, 1941.

Williams, J. L. The internal genitalia of yucca moths, and their connection with the alimentary canal, p.217-223, illus. Literature cited, p.221.

Journal of parasitology (Lancaster, Penn.), v.27, no.5, Oct. 1941.

Davis, G. E. Ornithodoros parkeri Cooley: observations on the biology of this tick, p.425-433. Bibliography, p.433.

McIvor, B. C. A new species of Ornithodoros tick from Nevada (Acarina: Ixodoidea), p.435-436, illus. [Ornithodoros cooleyi n. sp.]

Kansas entomological society. Journal (Manhattan), v.14, no.4, Oct. 1941.

Doering, K. C. A revision of two genera [Aphrophora; Clastoptera] of North American Cercopidae (Homoptera), p.109-134, illus. (Continued from the July issue.)

Goodrich, A. L., Jr. The external anatomy of the pupal abdomen in Dicosmoecus atripes Hagen (Trichoptera, Limnephilidae), p.134-143, illus. Literature cited, p.143.

Kirton agricultural journal (Worcester, England), no.7, July 1941.

Wood, J. Pests in relation to intensive cropping, p.15-18.

Lancet (London), v.241, no.6150, July 12, 1941. (Also numbered 1941, v.2, no.2.)

Gordon, R. M. The jigger flea [Tunga penetrans], p.47-49, illus. References, p.49.

La Plata. Universidad nacional. Museo. Notas ... Zoología, v.6, no.48, June 11, 1941.

Bruch, C. Misceláneas entomológicas. VI. [pt.1]. Observaciones biológicas sobre "Melitta bergi" Edwards (Lepidoptera Aegeriidae), p.[157]-163, illus.; [pt.]2. Las especies Argentinas del género "Migdolus" Westwood (Prioninae, Anoplodermae), p.163-171, illus.

La Plata. Universidad nacional. Museo. Revista (nueva serie). Sección zoología, v.2, no.12, May 8, (1941). Mello-Leitao, C. de. Las arañas de Córdoba, La Rioja, Catamarca, Tucumán, Salta y Jujuy colectadas por los profesores Birabén, p.[99]-198, illus.

Lingnan science journal (Canton, China), v.20, no.1, May 31, 1941.

Hoffmann, W. E. Catalogue of aquatic Hemiptera of China, Indo-China, Formosa, and Korea, p.1-78E, illus.

Linnean society of New South Wales. Sydney. Proceedings, v.65, pts.1/2, May 15, 1940.

English, K. M. I. Notes on the life history of Limnophora nigriorbitalis Mall. (Diptera, Anthomyiidae), p.161-166, illus. References. p.165-166.

Madras agricultural journal (Coimbatore), v.29, no.2, Feb. 1941.

Cherian, M. C., Kylasam, M. S., and Krishnamurti, P. S. Further studies on Calocoris angustatus Leth., p.66-69.

Marseille. Institut colonial. Bulletin des matières grasses, v.25, no.6, 1941.

Risbec, J. Les insectes de l'arachide, p.104-106.

Mexico. Instituto de salubridad y enfermedades tropicales. Revista (Mexico), v.2, no.1, June 1941.

Vargas, L. Simulium lane-portoi n. n. (Simuliidae, Dipt.) y lista de simúlidos mexicanos, p.115-122. Referencias, p.122. Text in Spanish. Brief English summary, p.122.

Mexico (City). Universidad nacional. Instituto de biología. Anales, v.12, no.1, 1941.

Hoffmann, C. C. Catalogo sistemático y zoogeographico de los lepidópteros mexicanos. Segunda parte. Hesperioidae, p.[237]-294.

Islas S., F. Observaciones acerca del desarrollo y caracteres morfológicos de Triatoma picturata Usinger, p.[311]-326, illus.

Pelaez, D. Estudios sobre membracidos. II. Los adultos de Umbonia crassicornis (Am. et Serv.) (Hemipt. Homopt.), p.[327]-344, illus. Bibliografia, p.344.

Vazquez, L. Estudio monográfico de las Psychidae de Mexico. Primera parte. Géneros: Oiketicoides Hey.; Eurukuttarus Hamps.; Platoeceticus Fack., p.[295]-310, illus.

Microscope and entomological monthly (London), v.4, no.10, Apr./May 1941. Spence, D. S. Notes on mounting - VII, p.[266]-272.

Missouri academy of science. Proceedings (Columbia), v.6, no.4, Mar. 25, 1941.

Adams, C. F. A preliminary list of muscoid flies in Missouri, p.73-74. [Abstract.]

Setty, L. R. The biology and morphology of the adult hanging-fly (order Mecoptera), p.74-75. [Bittacus pilicornis.] [Abstract.]

Stone, P. C. The brown dog tick, *Rhipicephalus sanguineus* (Latreille), in the role of a household pest in the northern United States, p.75-77.

National academy of sciences. Washington, D. C. Proceedings, v.27, no.10, Oct. 1941.

Cooper, K. W. Visibility of the primary spindle fibres and the course of mitosis in the living blastomeres of the mite, *Pediculopsis graminum* (Reut.), p.480-484, illus.

Sonnenblick, B. P. Germ cell movements and sex differentiation of the gonads in the *Drosophila* embryo, p.484-489. [Bibliography], p.489.

Nature (London), v.148, 1941; no.3745, Aug.9; no.3747, Aug.23; no.3750, Sept.13; no.3752, Sept.27.

Adler, S., and Ber, M. Transmission of *Leishmania tropica* by the bite of *Phlebotomus papatasii*, no.3747, p.227.

Imms, A. D. The prickly-pear problem in Australia, no.3750, p.303-305, illus.

Kalmus, H. Defense of source of food by bees, no.3747, p.228.

Nutman, S. R. Function of the ventral tube in *Onychiurus armatus* (Collembola), no.3745, p.168-169.

Wigan, L. G. Polygenic variability in wild *Drosophila melanogaster*, no.3752, p.373-374, illus.

Nippon no kōchū (Tokyo), v.4, no.1, June 1941.

Sawada, H. A revision of the ruteline beetles of the genus *Phyllopertha* in the Japanese Empire, p.[42]-58, illus. Text in English.

Yano, Y. A list of Carabidae from Corea, p.[15]-36. Text in English.

Peking natural history bulletin (Peiping), v.16, pt.1, Sept. 1941.

Chin, Y.-C., and Anderson, H. H. Chloro-hexyl-meta-cresol, related cresols and other insecticides which have low toxicity for mammals, p.45-53. References, p.51-53.

Hsiu-Fu, C. Technique notes. I. The use of a lens-paper thimble in microtechnique, p.77-78.

Hu, S. M. K. Studies on the susceptibility of Shanghai mosquitoes to experimental infection with *Microfilaria malayi* Brug. V. *Armigeres obturbans* Walker, p.55-65, illus. Literature, p.64-65. VI. *Aedes albopictus* Skuse, p.67-70, illus.

Philippine journal of animal industry (Manila), v.8, no.3, May/June 1941.

Gapuz, R. B. Sarcoptic mange in carabaos: its occurrence, transmission, and treatment, p.285-293, illus. Literature cited, p.290-291.

Philippine journal of science (Manila), v.75, no.2, June 1941.

Capco, S. R. Notes on the orchid bug, *Mertila malayensis* Distant, on white mariposa (*Phalaenopsis amabilis* Blume), p.185-195, illus. Literature cited, p.192-193.

Physiological zoology (Chicago, Ill.), v.14, no.4, Oct. 1941.

Park, T., Gregg, E. V., and Lutherman, C. Z. Studies in population physiology. X. Interspecific competition in populations of granary beetles, p.395-430, illus. Literature cited, p.430.

Pepper, J. H., Donaldson, F. T., and Hastings E. Buffering capacity and composition of the blood serum and regurgitated digestive juices of the mormon cricket (*Anabrus simplex* Hald.), p.470-475, illus. Literature cited, p.475.

Psyche (Cambridge, Mass.), v.48, no.2/3, June/Sept. 1941.

Brown, R. W. Concerning the antiquity of social insects, p.105-110.

Brues, C. T. *Peripatus (Macroperipatus) geayi* in Panama, p.111-112.

Crampton, G. C. The terminal abdominal structures of male Diptera, p.79-94, illus.

Dethier, V. G. Metamorphoses of cuban Nymphalidae and Lycaenidae, p.70-78, illus.

Puerto Rico. University. Journal of agriculture of the University of Puerto Rico (Rio Piedras), v.25, no.2, Apr. 1941. (Issued July 1941.)

Wolcott, G. N. A supplement to "Insectae Borinquenses," p.33-158. Bibliography, p.36-38

Punjab. Department of agriculture. Seasonal notes (Lahore), v.18(b), no.1, Apr. 1940; v.19(a), no.1, Apr. 1941.

Black citrus fly and its control, by L. Dina Nath Tandon, v.19(a), no.1, p.53-54.

Campaigns conducted against sugarcane pests in the Jullundur Circle, by H. G. Sadik and S. Dalbir Singh, v.19(a), no.1, p.67-76.

How to control some of the household pests, by S. Udai Singh, v.18(b), no.1, p.62-64.

Spraying of fruit trees in the Jullundur Circle, by L. Umrao Bahadur, v.18(b), no.1, p.58-61.

A warning to the melon growers in the province [re *Myiopardalis pardalina* Big.], by S. Ujagar Singh, v.19(a), no.1, p.31-32.

Quarterly review of biology (Baltimore), v.16, no.3, Sept. 1941.

Caspari, E. The morphology and development of the wing pattern of Lepidoptera, p.249-273, illus. List of literature, p.271-273.

Park, T. The laboratory population as a test of a comprehensive ecological system, p.274-293, illus. (To be concluded.)

Queensland agricultural journal (Brisbane), v.56, pt.2, Aug. 1, 1941.

Caldwell, N. E. H., and Blackford, F. W. Control schedules for citrus pests and diseases in south-eastern Queensland, p.117-120.

Records of the Indian museum (Calcutta), v.42, pt.2, June 1940; v.43, pt.1, Mar. 1941.

Hafiz, H. A., and Ribeiro, S. Notes on Indian Hemiptera in the zoological survey of India. I. On the subfamily Plataspinae of the family Pentatomidae, v.43, pt.1, p.73-85, illus.

Jones, S. Notes on the breeding habits and early development of *Macro- podus cupanus* (Cuv. & Val.), with special reference to the cement

Records of the Indian museum (continued)

glands of the early larvae, v.42, pt.2, p.269-276, illus.

References to literature, p.275-276.

Misra, P. L. Observations on a new gregarine, Stylocephalus bahli, sp. nov. from the alimentary canal of an Indian beetle, Gonocephalum helopiooides Frm., v.43, pt.1, p.43-[72], illus. References, p.69-71.

Revista agronômica; orgão do Sindicato agronômico do Rio Grande Do Sul (Pôrto Alegre), v.5, 1941; no.55, July; no.56, Aug.

Costa, R. G. da. Pragas das plantas cultivadas do Rio Grande do Sul, no.55, p.375-379, illus.; no.56, p.433-437, illus. (Continúa.)

Santis, L. de. Lista de himenópteros parásitos y predadores de los insectos de la Republica Argentina, no.55, p.412-415; no.56, p.469-473.

Revista de agricultura, Organo oficial de la Secretaría de estado de agricultura, industria y trabajo. República Dominicana (San Cristobal, etc.), v.32, no.137, July/Aug. 1941.

Gomez-Menor O. J. Las plagas en la agricultura, p.182-184. (Continuá.) (De su obra inédita "Las plagas en la agricultura.")

Revista de entomología (Rio de Janeiro, Brazil), v.12, no.1/2, July 31, 1941.

Malloch, J. R. The American genus Paracantha Coquillett (Diptera, Trypetidae), p. 32-42, illus.

Mickel, C. E. Monograph of the South American mutillid genus Hoplocrates Mickel (Hymenoptera: Mutillidae), p.341-414. Literature cited, p. 413-414.

Neiva, A., and Lent, H. Sinopse dos triatomídeos, p.61-92, illus.

Pate, V. S. L. A review of the genus Entomocrabro (Hym. Sphecidae, Pemphiliidini), p.45-61.

Sauer, H. F. G. Importância, distribuição, hospedeiros e inimigos naturais do podador do algodoeiro Chalcodermus bondari Marshall (Col. Curc.), p.42-45. Literatura citada, p.44-45.

Snipes, T. B.; and Vanetti, F. Experiências sobre o combate a formiga saúva, Atta sexdens (L. 1758) (Hymenoptera, Formicidae), p.[1]-32, illus. Bibliografia, p.32.

Townsend, C. H. T. New fly parasites of Diatraea in São Paulo [Parthenoleskia parkeri, sp. nov.; Palpozenilla diatraeae, sp. nov.], p.339-341.

Weber, N. A. The biology of the fungus-growing ants. Part VII. The Barro Colorado Island, Canal Zone, species, p.93-130, illus. Literature cited, p.130.

La Revue agricole de l'Ile Maurice (Port Louis), v.20, no.3, May/June 1941.

Vinson, J. Rectification d'une erreur courante relative à l'espèce de Diatraea (borer ponctué) s'attaquant à la canne à sucre à Maurice, p.148-153. Références, p.152-153.

Rhodesia agricultural journal (Salisbury), v.38, no.7, July 1941.

Chorley, J. K. Tsetse fly [G. morsitans] operations. Short survey of the operations by districts, p.349-356.

Royal society of medicine. London. Proceedings, v.34, no.4, Feb. 1941.

Buxton, P. A. Discussion on prevention and treatment of parasitic diseases. Some recent works on the louse, p.193-204, illus.

Royal society of South Australia. Adelaide. Transactions, v.64, pt.2, Dec. 20, 1940.

Hale, H. M. Report on the cymothiid Isopoda obtained by the F. I. S. "Endeavour" on the coasts of Queensland, New South Wales, Victoria, Tasmania, and South Australia, p.288-304, illus.

Steele, H. V. A revision of the genus Desmoothrips Hood (Thysanoptera) in Australia, p.353-354, illus.

Womersley, H. Studies in Australian Acarina Tetranychidae and Trichodenidae, p.233-265, illus.

Royal society of Tasmania. Hobart. Papers and proceedings ... for the year 1940. Pub. 1941.

Evans, J. W. The morphology of Tettigarcta tomentosa White (Homoptera Cicadidae), p.35-49. References, p.48-49.

Salubridad y asistencia social (Habana), v.44, no.8, Aug. 1941.

Sumario: Comisión de malaria de Cuba. Informe anual, 1940, p.[291]-359, illus.

Schweizerische zeitschrift für obst- und weinbau (Wädenswil), v.50, no.18, Aug. 30, 1941.

Schellenberg, A. Die bekämpfung der reblaus, p.365-370, illus.

Wiesmann, R. Der pflaumenbohrer, Rhynchites cupreus, p.370-373, illus.

Sinensis (Nanking, China), v.11, no.5-6, Sept. 1940.

Chen, S. H. Attempt at a new classification of the leaf-beetles, p.451-481, illus. Literature cited, p.478-479. Text in English. Chinese summary, p.480-481; Notes on Chinese Eumolpidae, p.483-528. Text in English. Chinese summary, p.527-528.

T'an, C.-H. On the structure of some chrysomelid larvae, p.549-571, illus. Text in English. Chinese summary, p.558.

Young, B. Two caterpillars injurious to ramie [Boehmeria nivea] in Kwangsi, p.577-587, illus. Literature cited, p.582. [Pyrameis indica Herbst, Pareba vesta F.]

Skandinavisk veterinär-tidskrift för bakteriologi, patologi samt kött- och mjölkhygien (Uppsala, [etc.]), v.31, no.9, Sept. 1941.

Löfstedt, F. Otitis externa hos hund, p.[542]-546. Text in Swedish. English summary, p.545-546. [Disease caused by Otodectes cynotis.]

Skogen; Svenska skogsvårdsföreningen (Stockholm), v.28, 1941; no.15, Aug. 1; no.18, Sept. 15.

Forsslund, K. H. Nordliga öronviveln [Otiorrhynchus dubius Ström] en skadegörare på barrträdens groddplantor i Norrland, no.18, p.253-255, illus.

P. Trägnagande insekter i byggnader. Hälften av våra hus angripna, no.15, p.221-222, illus.

Sociedad científica Argéntina. Buenos Aires. Anales, v.132, no.3, Sept. 1941. Fester, G. A. Colorantes de insectos, p.100-103, illus.

Sociedad entomológica Argentina. Buenos Aires. Revista, v.11, no.1, Aug. 31, 1941.

Blanchard, E. E. Nuevos parásitos del bicho de cesto Oeceticus kirbyi, Guild., p.[3]-21, illus.

Bourquin, F. Metamorfosis de Megalopyge albicollis Walker 1910 (Lep. Megalopygidae), p.[22]-30, illus. Bibliografía, p.30.

Hayward, K. J. Plantas alimenticias de hesperidos argentinos, p.[31]-36.

Sociedad geográfica de Colombia. Boletín (Bogotá), v.7, no.1, July 1941. Dugand, A. Asociaciones fito-zoológicas, p.[57]-75, illus.

Sociedad mexicana de historia natural. Mexico, D. F. Revista, v.2, no.1, June 1941.

Peláez, D. Estudios sobre membracidos. III. El género Platycentrus Stal (Hem. Homopt.), p.51-67. Bibliografía, p.66-67.

Société d'histoire naturelle de l'Afrique du Nord. Algiers. Bulletin, v.32, nos.1-4, Jan.-May 1941.

Chabelard, R. A propos de la larve d'Anopheles multicolor, p.21-24, illus.

Goux, L. Notes sur les Trionymus de la France et sur quelques espèces nouvelles pour la faune française (Hem. Coccidae), p.31-44, illus.

Travaux cités, p.43-44.

Peyerimhoff, P. de. Matériaux pour un catalogue des coléoptères sahariens, p.7-17.

South London entomological and natural history society. London. Proceedings and transactions, 1940-41; 1941-42, pt.1.

Andrews, H. W. Paroxyna misella, Lw., and Oxyna parietina, L. (Diptera: Trypetidae). A record of a failure and a success, 1940-41, p.36-38, illus.

Jarvis, F. V. L. The nature of hibernation in Lepidoptera, 1941-42, pt.1, p.1-10, illus. Bibliography, p.10.

Wakely, S. Recent captures and breeding of micro-Lepidoptera, 1940-41, p.43-46.

Stockholm. Kungliga Svenska vetenskapsakademiens. Handlingar, v.19, no.7, Mar. 12, 1941.

Lundblad, O. Die hydracarinenfauna Südbrasiliens und Paraguays. Erster teil. 183p. illus.

Tennessee academy of science. Journal (Nashville), v.16, no.4, Oct. 1941.

Andrews, J. Malaria research in the southeastern states, p.359-378.

References cited, p.371-378.

Tenthredo (Acta entomologica) (Kyoto, Japan), v.3, no.3, May 1941.

Takeuchi, K. A systematic study on the suborder Symphyta (Hymenoptera) of the Japanese Empire (IV), p.[230]-274, illus. (p.[120]-164 of "A systematic study...")

Takeuchi, K., and Tokunaga, M. Morphological study of head and mouth-parts of a remarkable saw-fly, Nipponorhynchus mirabilis Takeuchi, p.[275]-291, illus. Literature, p.291.

La Terre marocaine (Rabat), v.11, no.139, June 1941.

Rungs, C. La noctuelle des moissons: Euxoa segetum Schiff. ennemi des cultures florales et maraîchères au Maroc. p.10-12, illus.

Tokyo. Institute of physical and chemical research. Scientific papers... v.38, no.1028-1033, June 1941.

Nishina, Y., and Moriwaki, D. Sex-linked mutations of Drosophila melanogaster induced by neutron radiations from a cyclotron. II, p.371-376.

Toronto. University. Studies. Biological sciences, no.48, 1941.

Snyder, L. L., et al. A faunal investigation of Prince Edward County, Ontario. 123p.

p.107-115. Kurata, T. B. A list of the spiders of Prince Edward County, Ontario.

p.116-119. Urquhart, F. A. An annotated list of the crickets and grasshoppers (Orthoptera: Saltatoria) of Prince Edward County, Ontario.

p.120-123. Brimley, J. F. A list of the long-horned beetles (Cerambycidae) of Prince Edward County, Ontario, p.120-123.

Tropical agriculturist (Peradeniya, Ceylon), v.96, no.6, June 1941.

Fernando, M., and Udurawana, S. B. The relative resistance of some strains of bitter-gourd to the cucurbit fruit-fly [Dacus cucurbitae Coq.], p. 347-352. References, p.351.

United States naval medical bulletin (Washington, D. C.), v.39, no.4, Oct. 1941.

Brown, O. J., and Ware, R. L. Observations on mosquito and malaria control in the Caribbean area, p.614-631, illus. Bibliography, p.631.

United States public health reports (Washington, D. C.), v.56, 1941; no.38, Sept.19; no.41, Oct.10.

Davies, G. E. Ornithodoros hermsi and relapsing fever in Oregon, no.41, p.2010-2012. References, p.2012.

LeVan, J. H. Present-day methods for controlling Aëdes aegypti mosquitoes, no.38, p.1875-1880, illus. References, p.1880.

ENTOMOLOGY

CURRENT LITERATURE

SELECTED REFERENCES COMPILED BY THE STAFF OF THE BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
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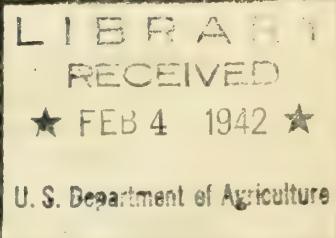
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REMEMBER PEARL HARBOR

This list is confined to new books on entomology and to selected periodical literature relating chiefly to economic entomology. Publications of the U. S. Department of Agriculture and of the state experiment stations are omitted as a printed Monthly List of Publications is issued by the Office of Information, and a mimeographed list of State Experiment Station Publications by the Office of Experiment Stations. Publications of the state extension services, and all articles by members of the department staff in outside publications, are not included as they are issued monthly in Agricultural Library Notes. The contents of the Journal of Economic Entomology have also been omitted because nearly all the technical workers have access to it. Periodical references to apiculture are not included.



BOOKS

Bristowe, W. S.

The comity of spiders. Vol. II. 560p. illus. London, Printed for the Ray society, Sold by Bernard Quaritch, ltd., 1941. Bibliography, p.532-550. (Ray society. [Monog.] no.128)

British Museum (Natural History)

Expedition to South-West Arabia 1937-8. Vol. I, nos.1-8. XIV, 66p. illus. London, Printed by order of the Trustees of the British museum, 1941.

British Museum (Natural History). British Graham Land Expedition 1934-37.

Scientific reports. Vol. I, no.7 (p.323-326). London, Printed by order of the Trustees of the British museum, Feb.21, 1941. Contents.- Richards, O. W. Sphaeroceridae (Diptera).

British Museum (Natural History). Department of Entomology.

Mosquitoes of the Ethiopian Region. III. Culicine adults and pupae, by F. W. Edwards. 499p. illus. London, Printed by order of the Trustees, 1941. References, p.486-491.

Carpenter, S. C.

Food plants of North American Lepidoptera. 18p. Hartford, Conn., [1941?] Mimeographed.

Evans, J. W.

Tasmanian grass-grubs. (Oncopera spp., Lepidoptera, Hepialidae.) 23p. illus. Tasmania, 1941. References, p.23. (Tasmania. Dept. agr. Bul. n.s. no.22)

Ghesquière, J.

Catalogues raisonnés de la faune entomologique du Congo Belge. Lépidoptères, microlépidoptères (Première partie). 120p. illus. Bruxelles, 1940. (Mus. du Congo Belge. Ann. Zool. sér.III(II). Tome VII. Fasc.1)

Hayward, K. J.

Las cochinillas de los cítricos tucumanos y su control. 29p. illus. Tucuman, Republica Argentina, 1941. Bibliografia, p.29. (Tucuman. Estac. expt. agr. Bol. no.32) [Coccoidea]

Macan, T. T.

A key to the British water bugs (Hemiptera-Heteroptera excluding Corixidae) with notes on their ecology. 36p. illus. [Nottingham, E. H. Lee, printer], 1941. (Freshwater biol. assoc. of the British Empire. Sci. pub. no.4)

McClean, A. P. D.

Some leaf-curl diseases in South Africa. (i) Leaf-curl disease of tobacco. (ii) A new "Petunia"-strain of leaf-curl and a note on the occurrence of a leaf-curl disease of hollyhock. 70p. illus. Pretoria, 1940. References, p.45. (So. Africa. Dept. agr. and forestry. Sci. bul. no.225) [Leaf-curl disease of tobacco transmitted by white flies.]

Milsum, J. N., and Grist, D. H.

Vegetable gardening in Malaya. 206, [9]p. illus. Kuala Lumpur, Published by the Department of agriculture, Straits Settlements and Federated Malay States, 1941. (Malayan planting manual, no.3) Partial contents.- Chap. XVI. Garden pests, p.[165]-181.

New Jersey. Department of Agriculture. Bureau of Plant Industry.

Important nursery insects of New Jersey. 72p. illus. Trenton, N. J., 1941. References consulted, p.71-72. (N. J. Dept. agr. Cir. no.326)

New Jersey Mosquito Extermination Association.

Proceedings of the twenty-eighth annual meeting ... held at Atlantic City, New Jersey, March 19, 20, and 21, 1941. 211p. illus. New Brunswick, N. J., [1941]. Partial contents.- Headlee, T. J. New Jersey mosquito problems, p.7-12. Literature cited, p.12;

N. J. Mosquito Extermination Assoc. Proc. (continued)

Filsinger, C. Distribution of Aedes vexans eggs, p.12-19, illus.

Manzelli, M. A. Studies of the effect of reduction of surface tension on mosquito pupae, p.19-23, illus.; Vannote, R. L. Progress of control work in the Upper Passaic River Valley, p.38-40; Stearns, L. A., MacCreary, D., and Lynch, E. E. Mosquito-control developments in Delaware during 1940, p.40-52, illus. Literature cited, p.52;

Andronico, M. M., and Leslie, J. B. History of mosquito work in Bergen County, p.53-63. Discussion, p.63-64; Allan, A. Benefits derived by Bergen County from mosquito control, p.64-66; Peterson, J. P. The present plan of mosquito control in Bergen County and the future outlook, p.66-71; Mulhern, T. D. Mosquito control in New Jersey in 1940 and its contribution to national defense, p.72-114, illus.; Chenoweth, Mrs. A. S. The program of mosquito control education in the women's clubs, p.115-116; A New Jersey heroine, Miss Clara L. Maass, p.116-118, illus.; Ginsburg, J. M. The present status of knowledge on mosquito oils and larvicides, p.135-143. Literature cited, p.142-143; Siedler, G. J. Mosquito control in Ocean County, p.144-146; King, A. P. Ocean County controls mosquitoes, p.146-148; Brouwer, A. K. Present day problems and procedures in mosquito control work in Ocean County, p.148-151; Yetman, G. A lecture and motion picture on mosquito control, p.151-152; Kelley, A. W. The future of Ocean County in relation to mosquito control work, p.152-153. Discussion, p.153-154; Gibson, A. Mosquito suppression work in Canada in 1940, p.167-176; Clarke, J. L. Chicago-tri-county mosquito survey, p.176-183. Discussion, p.184; Armstrong, R. L. Mansonia perturbans (Walk.) on Cape Cod, p.184-188, illus. Literature cited, p.188; Lizee, A. J., and Gies, R. W. Mosquito control in New York City in 1940, p.189-191; Sammis, R. H. Five years of experience with "service requests," p.192-196. Discussion, p.196-197; Williamson, C. Economy in plant investment, p.197-199; Dorer, R. E. Mosquito control assuming permanency in Virginia, p.199-200; Conner, J. F., and Spackman, J. H. Report of the Delaware County mosquito extermination commission for 1940, p.201-204. Discussion, p.204-205; Reeves, R. E. The mosquito commissioner, his duties, responsibilities, and rewards, p.205-207; Tinney, G. J. The work of a county mosquito commissioner, p.207-208; Morrison, J. T. The rewards of a mosquito commissioner, p.208-211.

Nordiska Veterinärnötet. 5th, København, 1939.

5. Nordiske veterinaermbde i København den 6-8 Juli, 1939. Beretning. 1132p. illus. København, Frederiksberg bogtrykkeri, 1940.

Partial contents.- Thorshaug, K. "Sjodogg", tick borne fever hos san i Norge, p.325-336. Text in Danish. English summary, p.335-336. Litteratur, p.336.

Nursery and Market Garden Industries' Development Society, Limited. Experimental and Research Station. Turner's Hill, Cheshunt, Herts., England.

Twenty-sixth annual report, 1940. 72p. illus. Cheshunt, The Cheshunt press, limited, 1941. Partial contents.- Speyer, E. R. Animal pests, p.49-56. [Red spider-mite; Tomato moth; Root-knot eelworm; Wireworm control; Angle-shades moth]

Rio Grande do Sul, Brazil (State). Secretaria de Estado dos Negócios da Agricultura, Industria e Comercio. Secção de Investigação, Informações e Publicidade.

Boletim no. 85-86. Porto Alegre, 1941. Contents.- no. 85. Corrêa, O. Principais doenças dos ovinos. 50p. illus.; no. 86. Mohr, W. Estudos sobre as flôres de piretro do Rio Grande do Sul; contribuição para o conhecimento da sua composição, qualidades e manipulação adequada. 20p. Bibliografia, p.20.

Ritchie, J. W.

Biology and human affairs. 1026p. illus. Yonkers-on-Hudson, N. Y., World book company, 1941.

South Africa. Department of Agriculture and Forestry.

Science bulletin no. 204, 232. Pretoria, 1940-[41]. Contents.- no. 204. Ripley, L. B., Hepburn, G. A., and Anderssen, E. E. Fruit-fly [Ceratitis capitata Wd.] migrations in the Kat River Valley. 17p. illus. 1940; no. 232. Nolte, M. C. A. Dinitro-ortho-cresol and other insecticides as locust poisons: experiments of 1938-39. 55p. illus. [1941]. Bibliography, p.54-55.

PERIODICALS

Agricultural gazette of New South Wales (Sydney), v.52, pt.10, Oct.1, 1941. The cattle tick causes heavy economic loss. Also spreads tick fever, p.528.

Insect pests. Notes contributed by the Entomological branch, p.531-535, 539, illus. [Codling moth (Cydia pomonella). The calyx spray; Waste fruit pits; Citrus aphids (Aphididae); Clothes moths (Tineidae).]

Agricultural society of Trinidad & Tobago. Proceedings (Port-of-Spain), v.41, pt.3, Sept. 1941.

Pickles, A. Scale insects of cocoa, p.579-581, 583-584.

Agronomía; revista mensual de agricultura científica, industrias e intereses generales (La Habana), v.1, no.7, June 1941.

Bachiller, J. M. Uno de los enemigos del arroz, Laphygma frugiperda, S. A., gusano de la yerba, Palomilla, p.165-166.

Akademija nauk. Azerbaidzhanskii filial. Izvestia (Baku), no.2, 1938.

Bogatchev, A. L'insecte Parandra caspia Mén. particulièrement nuisible aux forêts de Talych, p.175-[180]. Text in Russian. Brief French summary, p.180.

American journal of hygiene (Lancaster, Penn.), v.34, no.3, Nov. 1941.

Laird, R. L. Observations on mosquito transmission of Plasmodium lophurae, Sec.C, p.163-167. References, p.167.

Watson, R. B., and Rice, M. E. Further observations on mosquito-proofing for malaria control, Sec.C, p.150-159, illus. References, p.159.

American journal of public health (New York), v.31, no.11, Nov. 1941.

Cox, A. J. Problem of insecticide spray residue, p.1163-1168.

Creel, R. H. Plague situation in the western United States, p.1155-1162, illus.

American journal of tropical medicine (Baltimore), v.21, no.6, Nov. 1941.

Boyd, M. F. The comparative susceptibility of two strains of *Anopheles quadrimaculatus* to infection with human malaria parasites, p.751-753.

Carr, H. P., Meléndez, J. F., and Meléndez, A. F. Malaria reconnaissance of the Province of Camaguey in Cuba, p.739-750, illus. References, p.750.

Coggshall, L. T. Strains of *Anopheles quadrimaculatus*. Inheritance of color patterns in the larvae of *Anopheles quadrimaculatus*, p.755-765, illus. References, p.765.

Russell, P. F., and Ramachandra Rao, T. On surface tension of water in relation to behavior of *Anopheles* larvae, p.767-777, illus. References, p.777.

Vargas, L., Casis S., G., and Earle, W. C. *Anopheles pseudopunctipennis*, Theobald, a vector of malaria in Mexico, p.779-788, illus. References, p.787-788.

American journal of veterinary research (Chicago, Ill.), v.2, no.5, Oct. 1941.

Ruhland, H. H., and Huddleson, I. F. The rôle of one species of cockroach and several species of flies in the dissemination of *Brucella*, p.371-372. [Periplaneta americana; *Musca domestica* L., *Muscina stabulans* F., *Stomoxys calcitrans* L.]

American midland naturalist (Notre Dame, Ind.), v.26, no.3, Nov. 1941.

Whitehouse, F. C. British Columbia dragonflies (Odonata), with notes on distribution and habits, p.488-557, illus. References, p.557.

American naturalist (Garrison, N. Y.), v.75, no.761, Nov./Dec. 1941.

Carson, H. L., Jr. Linkage, interference and semilethals in the white group of *Habrobracon*, p.608-614.

Olenov, J. M. The mutational process in *Drosophila melanogaster* under avitaminous B₂ conditions, p.580-595.

Patterson, J. T. The virilis group of *Drosophila* in Texas, p.523-539. Literature cited, p.538-539.

American perfumer and essential oil review (New York), v.43, no.5, Nov. 1941.

Hardy, E. Needed raw materials from insects. New sources of substitute raw materials which can be exploited profitably. Waxes, oils and dyes to be obtained by applied biology, p.33-35, illus.

American potato journal (Somerville, N. J., and New Brunswick, N. J. [etc.]), v.18, no.11, Nov. 1941.

Nottingham, J. O., and Rawlins, W. A. The control of potato aphids on Long Island, p.[305]-311, illus. Literature cited, p.311. [Macrosiphum solanifolii (Ashm.); *Myzus persicae* (Sulzer)]

American society of agronomy. Journal (Geneva, N. Y.), v.33, 1941; no.11, Nov.; no.12, Dec.

Dexter, S. T. A comparison of Hardigan and Ladak alfalfa in their reactions to leafhopper infestation, no.11, p.947-951, illus.

Hoegemeyer, L. C. An association of root injury by white grubs,

Phyllophaga spp., and lodging of crossbred strains of corn, no.12, p.1100-1107, illus. Literature cited, p.1106-1107.

Annales des sciences naturelles. Zoologie et biologie animale (Paris), ser.11, v.2, no.2, 1939-1940. Pub. 1940.

Bertrand, H. Les larves et nymphes des dryopides paléarctiques, p.[299]-412, illus. Bibliographie, p.[410]-412.

Annals of applied biology (London), v.28, no.4, Nov. 1941.

Evans, A. C. Physiological relationships between insects and their host plants. II. A preliminary study of the effects of aphides on the chemical composition of cabbage and field beans, p.368-371, illus. References, p.371.

Annals of tropical medicine and parasitology (Liverpool), v.35, no.1, Oct. 21, 1941.

Blacklock, D.B., and Wilson, C. Notes on Anopheles gambiae and A. gambiae var. melas in Freetown and its vicinity, p.37-42.

Davey, T. H. The larva and pupa of Anopheles brunnipes Theobald, p.5-8, illus.

Kirk, R. An epidemic of yellow fever in the Nuba Mountains, Anglo-Egyptian Sudan, p.67-112, illus. References, p.107-108.

Seaton, D. R., and Lumsden, W. H. R. Observations on the effects of age, fertilization and light on biting by Aedes aegypti (L.) in a controlled microclimate, p.23-36, illus. References, p.35-36.

Archief voor de suikerindustrie in Nederland en Nederlandsch-Indië

(Pasoeroean, Java), v.2, no.13, Oct. 1941.

Diakonoff, A. De gestreepte stengelboorder [Diatraea spp.] van Java en de "borer ponctué" van Mauritius, p.[318]-321.

Argentine Republic. Ministerio de agricultura. Memoria presentado al Congreso de la nación (Buenos Aires), 1940, v.1, 1941.

Lucha contra la langosta. Tucura. a) Consejos a los agricultores.

b) Lucha en el verano. Destrucción de langosta desde aviones, p.[429]-433. Signed C. Massini Ezcurra.

Petroleo y sus derivados, p.[563]-581.

Sanidad vegetal, p.[607]-628.

Argentine Republic. Junta nacional de algodón. Boletin mensual (Buenos Aires), no.77, Sept. 1941; no.78, Oct. 1941.

Malló, R. G. Desinfestacion de semilla de algodón, no.77, p.[722]-727, illus.

Se exhibio en la zona algodonera una pelicula sobre la lagarta rosada, no.78, p.[809]-810.

Belorusskii sel'skokhoziaistvennyi institut. Gorki. Trudy, v.8(30), 1939.

Isayev, S. I. Onion miner Dizygomyza capae Her., p.105-117, illus.

Text in Russian; Insecticide properties of lupine alkaloids, p.119-127, illus. Text in Russian.

Biological bulletin (Lancaster, Penn.), v.81, no.3, Dec. 1941.

Bodine, J. H., and Allen, T. H. Enzymes in ontogenesis (Orthoptera), XIX. Protyrosinase and morphological integrity of grasshopper eggs, p.388-391, illus. Literature cited, p.391.

Carlson, L. D. Enzymes in ontogenesis (Orthoptera). XVIII. Esterases in the grasshopper egg, p.375-387, illus. Literature cited, p.386-387.

Lafleur, L. J. The founding of ant colonies, p.392-401.

Scott, A. Reversal of sex production in *Micromalthus*, p.420-431, illus. Bibliography, p.431.

British medical journal (London), no.4208, Aug. 30, 1941.

Pearson, A. S. Sand-fly fever and benign lymphocytic meningitis, p.303-304.

Brooklyn entomological society. Bulletin (Lancaster, Penn.), v.36, no.5, Dec. 1941.

Knowlton, G. F., and Stains, G. S. *Geocoris atricolor* feeding, p.201-202.

Usinger, R. L. Rediscovery of *Emesaya brevicoxa* and its occurrence in the webs of spiders (Hemiptera, Reduviidae), p.206-208. References, p.207-208.

Bulletin of entomological research (London), v.32, pt.2, Aug. 1941.

Buxton, P. A. The recorded distribution of certain fleas, p.119-122, illus.

Golding, F. D. Two new methods of trapping the cacao moth (Ephestia cautella), p.133-131. Appendix, p.131-132. References, p.131.

Hinton, H. E. A new Atomaria [Atomaria (Anchicera) psallioticola, sp. n.] from mushroom-beds in South Africa (Col., Cryptophagidae), p.133-134, illus.

Hinton, H. E., and Stephens, F. L. Notes on the biology and immature stages of Cryptophagus acutangulus, Gyll. (Col. Cryptophagidae), p.135-143, illus. References, p.143.

Kirkpatrick, T. W. Helopeltis (Hem., Capsidae) on *Cinchona*, p.103-110, illus. References, p.110.

Matheson, C. The distribution of Cimex lectularius in towns in England and Wales, p.165-171. References, p.171.

Nixon, G. E. J. New braconid parasites of Antestia lineaticollis, Stal, and of Sylepta derogata, F., p.93-101, illus. References, p.101.

Vesey-Fitzgerald, D. Some insects of economic importance in Seychelles, p.153-160; Progress of the control of coconut-feeding Coccidae in Seychelles, p.161-164.

California. University. Berkeley. Publications in zoology, v.43, no.15, Nov. 12, 1941.

Cross, J. B. A study of *Oxymonas minor* Zeliff from the termite *Kalotermes minor* Hagen, p.379-403, illus. Bibliography, p.394-395.

Cambridge philosophical society, Cambridge, Eng. Biological reviews, v.16, no.4, Oct. 1941.

Salt, G. The effects of hosts upon their insect parasites, p.239-264, illus. References, p.262-264.

Tyler, A. Artificial parthenogenesis, p.291-330, illus. References, p.328-335. Addendum, p.336.

El campesino (Santiago de Chile), v.73, no.10, Oct. 1941.

Shippy, W. B. El nuevo fungicida insecticida "Elordo," p.[615]-616, illus.

Campó y arados ([Montevideo]), v.5, 1941; no.56, Oct.; no.57, Nov.

Ymes, M. Como combatir la piojeria y sarna del cerdo, no.56, p.10-11, illus.

La vida en la colonia de hormigas, no.57, p.[20]-[21], illus.

Canadian entomologist (Orillia), v.73, no.11, Nov. 1941.

Balch, R. E., Reeks, W. A., and Smith, S. G. Separation of the European spruce sawfly [Diprion polytomum (Htg.)] in America from Gilpinia polytoma (Htg.) (Diprionidae, Hymenoptera) and evidence of its introduction, p.198-203. References to literature, p.202-203.

Walker, E. M. The nymph of Somatochlora walshii Scudder, p.203-205, illus.

Walley, G. S. On the genus Petalodes, with descriptions of two new North American species (Hymenoptera, Braconidae), p.213-215.

Ward, I. J. The bean weevil, Acanthoscelides obtectus (Say) in stored white beans, p.216.

White, R. M., and Rock, P. J. G. New records of Acrididae from Alberta, p.216.

Canadian field-naturalist (Ottawa), v.55, no.8, Nov. 1941.

Beall, G. The monarch butterfly, Danaus archippus Fab. I. General observations in southern Ontario, p.123-129. References, p.129.

Canadian journal of comparative medicine and veterinary science (Gardenvale, Quebec), v.5, no.10, Oct. 1941.

Cameron, T. W. M. Fly sprays and repellents. Part I. Livestock sprays, p.275-282.

Canadian journal of research (Ottawa), v.19, Sect.D (Zool. Sci.), 1941; no.11, Nov.; no.12, Dec.

Gobeil, A. R. La diapause chez les tenthredes. Partie I, no.11, p.363-382; Partie II, no.12, p.[383]-416. Bibliographie, p.414-416.

Prebble, M. L. The diapause and related phenomena in Gilpinia polytoma (Hartig). III. Bioclimatic relations, no.11, p.350-362, illus.

References, p.362; IV. Influence of food and diapause upon reproductive capacity, no.12, p.417-436, illus. References, p.436; V. Diapause in relation to epidemiology, no.12, p.437-454. References, p.454.

Chacaras e quintaes (São Paulo), v.64, 1941; no.4, Oct.15; no.5, Nov.15.

Candido filho, J. Como combater os grilo-toupeira [Gryllotalpa hexadactyla Perty], no.5, p.[577]-579, illus.

Sauer, H. F. G. Combate a broca do algodoeiro [Gasterocercodes brasiliensis Hambl.], no.4, p.[493]-494, illus.

Chicago academy of sciences. Bulletin (Chicago), v.6, no.5 and 6, Oct.30, 1941.

Gloyd, L. K. Gomphus subapicalis Williamson, a synonym of Gomphus lentulus Needham (Odonata), no.5, p.127-129. Literature cited, p.129; The identity of three geographically misplaced species of Odonata, no.6, p.130-132. Literature cited, p.132. [Argia concinna (Rambur); Argia kurilis Hagen; Gomphus kurilis Hagen.]

Ciencia; revista hispano-americana de ciencias pures y aplicadas (Mexico, D. F.), v.2, no.5, May 25, 1941.

Bolivar Pieltain, C. Estudio de la larva del Paratrechus (*Hygroduvalius*) *sylvaticus* C. Bol. (Col. Carab.), p.208-209. Nota bibliografica, p.209.

Country life (London), v.90, no.2328, Aug.29, 1941.

Newman, L. H. Fritillaries on the wing, p.370-371, illus.

Ecology (Lancaster, Penn.), v.22, no.4, Oct. 1941.

De Bach, P., and Smith, H. S. Are population oscillations inherent in the host-parasite relation?, p.363-369, illus. Literature cited, p.369.

Ecuador. Cámara de agricultura de la primera zona. Quito. Revista, v.4, no.24/26, Aug./Oct. 1941.

Renna, H. F. La garrapata: medios para combatirla. Como se titula un bano, p.163-169, illus.

Entomologica Americana (Lancaster, Penn.), n.s. v.21, no.4, Oct. 1941.

Buzicky, A. W. A monograph of the genus Chyphotes (Hymenoptera, Mutilidae, Apterogyninae) of North America, p.201-242, illus. Literature cited, p.235-236.

Entomological news (Philadelphia), v.52, no.9, Nov. 1941.

Beard, R. L., and Wallace, P. P. Prothetely in *Scolytus multistriatus* Marsham (Coleop.: Scolytidae), p.242-244, illus. Literature cited, p.244.

Rau, P. Cockroaches: the forerunners of termites (Orthoptera: Blattidae: Isoptera), p.256-259.

Entomologist's monthly magazine (London), ser.4, v.2 (whole ser. v.77), no.21 (whole ser. no.928), Sept. 1941.

Coe, R. L. Brachypalpus eunotus Loew (Dipt., Syrphidae) new to Britain; its distinctions from B. bimaculatus Macquart; and notes on synonymy in the genus, p.193-197, illus. References, p.196-197.

Hickin, N. E. Notes on mites found associated with cultures of ptinid beetles, p.197.

Kloet, G. S. Habits of *Tabanus micans* Mg. (Dipt.), p.202.

Entomologist's record (London), v.53, no.10 and suppl. Oct. 1941.

Turner, H. J. The British Noctuae and their varieties, suppl., p.25-32.

Wiltshire, E. P. The phenological classification of palaearctic Lepidoptera, p.101-106.

Eos (Madrid), v.17, no.3, Oct.1, 1941.

Cros, A. Le Meloe variegatus Donovan. Sa présence dans le Nord de l'Afrique. Sa biologie, p.[313]-334, illus. Bibliographie, p.329-334.

Mari, J. G. II. Los Cerceris del Africa paleártica (Hym. Spheg.), p.241-291, illus. (Conclusión.)

Farming in South Africa (Pretoria), v.16, 1941; no.187, Oct.; no.188, Nov.

Stubbings, W. A. K. Codling-moth control in apples, no.188, p.379.

Viljoen, P. R. Jointed-cactus eradication policy [Dactylopius confusus], no.187, p.335.

Termites in buildings, by Division of entomology, no.187, p.339-342, illus.

Fauna (Philadelphia), v.3, no.4, Dec. 1941.

Mooney, H., Jr. Golden threads [silk], p.124-129, illus.

Combating the Japanese beetle; the life history of the wasp Tiphia vernalis, an important enemy of a pestiferous insect invader, p.[122]-[123]. (Photographs by J. J. Chisholm.)

Great Britain. Imperial Institute, London. Bulletin. v.39, no.3, July-Sept. 1941.

Quarterly bibliography on insecticide materials of vegetable origin, prepared in collaboration with the Imperial institute of entomology and the Department of insecticides and fungicides, Rothamsted experimental station, no.15 (April to June, 1941), p.269-275.

Highland and agricultural society of Scotland. Transactions (Edinburgh), ser.5, v.53, 1941.

Cameron, A. E. Insect and other pests of 1940, p.77-97, illus.

Illinois natural history survey. Urbana, Ill. Bulletin, v.22, art.1, Sept. 1941.

Knight, H. H. The plant bugs, or Miridae, of Illinois, p.1-234, illus. Bibliography, p.218-222.

Implement and machinery review (London), v.67, no.797, Sept.1, 1941.

New "Dron-wal" sprayers, p.427, illus.

Indian veterinary journal (Madras), v.18, no.2, Sept. 1941.

Sankaranarayan, N. S. Flies and their control in cattle farms and dairies, p.[75]-92. References, p.91-92.

Irish Free State. Department of agriculture. Dublin. Journal, v.37, no.2, Sept. 1940; v.38, no.1, Mar. 1941.

Loughane, J. B. A survey of the aphis population of potato crops in Ireland in relation to the production of seed potatoes, v.37, no.2, p.370-382, illus. References, p.382; The susceptibility to leaf roll of certain potato varieties and its effect on their yield, v.38, no.1, p.48-67, illus. References, p.67.

Jamaica agricultural society. Journal (Kingston), v.45, no.8, Aug. 1941. Baxter, G. R. Preventive measures against mosquitoes, p.280, 283-284.

Journal of bacteriology (Baltimore), v.42, no.6, Dec. 1941.

Steinhaus, E. A. A study of the bacteria associated with thirty species of insects, p.757-790. References, p.789.

Journal of experimental zoology (Philadelphia), v.88, 1941; no.2, Nov.5; no.3, Dec.5.

Bodine, J. H., and Allen, T. H. Enzymes in ontogenesis (Orthoptera). XX. The site of origin and the distribution of protyrosinase in the developing egg of a grasshopper, no.3, p.343-351, illus. Literature cited, p.350-351.

Harnly, M. H. Flight capacity in relation to phenotypic and genotypic variations in the wings of *Drosophila melanogaster*, no.2, p.263-273. Literature, cited, p.273.

Journal of experimental zoology (continued)
Nabours, R. K., Stebbins, F. M., and Robertson, W. R. B. Autosomal
and sex chromosomal translocations and viability in *Apotettix*
eurycephalus Hancock, no. 2, p. 239-261, illus. Literature cited,
p. 258.

Journal of forestry (Washington, D. C.), v. 39, no. 12, Dec. 1941.
Huberman, M. A. Why phenology?, p. 1007-1013. Literature cited,
p. 1012-1013.

Korstian, C. F., and Ruggles, A. G. Report of findings and recommendations
with reference to the gypsy moth project of the Bureau of
entomology and plant quarantine, p. 973-977. Comments [by] W. G.
Howard, p. 978-979.

Spurr, S. H., and Friend, R. B. Compression wood in weeviled northern
white pine, p. 1005-1006, illus. Literature cited, p. 1006.
[*Pissodes strobi* Peck]

Journal of mammalogy (Baltimore), v. 22, no. 4, Nov. 14, 1941.
Crabb, W. D. Food habits of the prairie spotted skunk in southeastern
Iowa, p. 349-364, illus. Literature cited, p. 364.

Journal of pomology and horticultural science (London), v. 19, no. 1/2,
Aug. 1941.
Greenslade, R. M. The migration of the strawberry aphid *Capitophorus*
fragariae Theob., p. 87-106, illus. References, p. 105-106.

Massee, A. M. The British brown and green leaf weevils associated
with cultivated fruit trees and bushes, p. 78-81. References, p. 81.

Lancet (London), v. 241, no. 6159, Sept. 13, 1941. (Also numbered 1941, v. 2,
no. 11)
Dyke, S. C. Wasp-sting as an immediate cause of death, p. 307-308.
References, p. 308.

London, Royal entomological society. Proceedings, Ser. A. General entomology,
v. 16, pts. 7/9, Sept. 15, 1941.
Ford, E. B. Studies on the chemistry of pigments in the Lepidoptera,
with reference to their bearing on systematics. I. The anthoxanthins,
p. 65-90. References, p. 89-90.

Hinton, H. E. The larva and pupa of *Tachinus subterraneus* (Linnaeus)
(Coleoptera, Staphylinidae), p. 93-98, illus.

Reid, J. A. A note on oviposition preferences in *Smerinthus populi* (L.)
(Lepidoptera, Sphingidae), p. 91-92.

London, Royal entomological society. Proceedings, Ser. B. Taxonomy, v. 10,
1941; pt. 7, July 15; pt. 8, Aug. 15; pt. 9, Sept. 15.
Benson, R. B. On some *Pontania* species, with a revision of the *Proxima*
and *Herbaceae* groups (Hymenoptera Symphyta), pt. 8, p. 131-136, illus.
References, p. 136.

Corbet, A. S. A key to the Indo-Malayan species of *Arhopala* Boisduval
(Lepidoptera: Lycaenidae), pt. 9, p. 149-[183], illus.

Richards, O. W. The classification of the genus *Mischocyttarus* Saussure
(Hymenopt., Vespidae), pt. 7, p. 124-130.

Thomas, I., and Jacob, F. H. British Aphididae. I. The genus *Pentatricho-*
pus Börner (Hemiptera). Part 2, pt. 7, p. 115-123, illus. References,
p. 123.

London. Royal entomological society. Transactions, v.91, pt.5, Sept.26, 1941.

Phillips, J. S. A search for parasites of dasynine bugs in the Netherlands Indies, p.119-144, illus. References, p.144.

Malayan agricultural journal (Kuala Lumpur), v.29, no. 9, Sept. 1941.

Corbett, G. H., and Pagden, H. T. A review of some recent entomological investigations and observations, p.347-375, illus. References, p.375.

Mexico (City). Escuela nacional de ciencias biologicas. Anales, v.2, año de 1940, no.2/3, 1941.

Correa, M. L. La quetotaxia de la larva de Anopheles occidentalis Dyar & Knab. Un estudio bioestadistico, p.[217]-[239], illus. Bibliografia, p.228-229. Text in Spanish. Brief summaries in English and German, p.228.

Sampson, W. W., and Drews, E. A. Fauna mexicana.- IV. A review of the Aleyrodidae of Mexico... Las especies mexicanas de la familia Aleyrodidae (Insecta, Homoptera), p.[143]-189, illus. Selected bibliography, p.182. Text in English. Brief summaries in Spanish, English and German, p.183.

Microentomology (Stanford University, Calif.), v.6, pt.2, Nov.28, 1941.

Ferris, G. F. The genus Aspidiotus (Homoptera; Coccoidea; Diaspididae), p.33-69, illus. Bibliography..., p.33-34. [Contrib. no.28]

Microscope and entomological monthly (London), v.4, no.11, Aug.-Sept. 1941.

Spence, D. S. Notes on mounting - VIII, p.286-292.

Natural history (New York), v.48, no.5, Dec. 1941.

Hartman, C. G., Hartman, P. E., and Hartman, P. A. The private life of a wasp, p.[278]-281, illus. [Trypoxylon]

Nature (London), v.148, 1941; no.3754, Oct.11; no.3762, Dec.6.

Carpenter, G. D. H. Physiology and ecology of cuticle colour in insects, no.3762, p.693.

Kalmus, H. Physiology and ecology of cuticle colour in insects, no.3754, p.428-431. [Bibliography], p.431.

Nature magazine (Washington, D. C.), v.35, no.1, Jan. 1942.

Jenks, G. E. Making a man of himself [Bothriocyrtum californicum], p.[25-28], illus.

New Caledonia. Chambre d'agriculture. Revue agricole (Nouméa), Oct. 1941.

Pourvoir toxique du roténone vis-à-vis des divers animaux, p.4514-4519. (Bulletin économique)

New York entomological society. Journal (Lancaster, Penn.), v.49, no.4, Dec. 1941.

Austin, J., and Richardson, C. H. Ability of the firebrat [Thermobia domestica (P.)] to damage fabrics and paper, p.357-365. Literature cited, p.365.

Gaul, A. T. Experiments on the taste sensitivity of Dolichovespula arenaria Fab. (Hymenoptera, Vespidae), p.367-369.

New York ent. soc. Journal (continued)

Johnson, F., and Comstock, W. P. Anaea of the Antilles and their continental relationships with descriptions of new species, subspecies and forms (Lepidoptera, Rhopalocera, Nymphalidae), p.[301]-[343], illus.

New Zealand journal of science and technology (Wellington), v.22, no.6A, Apr. 1941.

Dumbleton, L. J., and Dick, R. D. The subterranean grass caterpillar, Oxycanus sp., chemical control investigations, 1940 season, p.[309A]-322A, illus. References, p.322A.

Ohio journal of science (Columbus), v.41, 1941; no.5, Sept.; no.6, Nov.

Caldwell, J. S. A preliminary survey of Mexican Psyllidae (Homoptera), no.6, p.418-424. Bibliography, p.424.

Semans, F. M. Black widow spider (Latrodectus mactans Fab.) distribution in Ohio, no.5, p.380; Protozoan parasites of the Orthoptera, with special reference to those of Ohio. III. Protozoan parasites in relation to the host and to host ecology, no.6, p.457-464. Literature cited, p.464.

Oklahoma academy of science. Proceedings (Guthrie), v.21, 1941.

Fenton, F. A. The insect pest record for Oklahoma 1940, p.25-28.

Hovey, C. L. Studies on Chion cinctus (Drury) (Coleoptera, Cerambycidae) in Oklahoma, p.23-24.

Mailen, T. H. Seasonal occurrence and the effect of host attractiveness on the abundance of stable flies and horn flies on cattle, p.19-21, illus.

Pan American sanitary bureau. Bulletin (Washington, D. C.), v.20, no.11, Nov. 1941.

Patiño-Camargo, L. Nuevas observaciones sobre un tercer foco de fiebre petequial (maculosa) en el Hemisferio Americano, p.1112-1124, illus. Text in Spanish. English summary, p.1123-1124.

Control de Stegomia (Aedes aegypti) nos portos brasileiros, relatório para o segundo trimestre do año 1941, p.1148. (Table.)

Pan-Pacific entomologist (San Francisco), v.17, no.4, Oct. 1941.

Struble, G. R., and Carpelan, L. H. External sex characters of two important native predators of the mountain pine beetle in sugar pine (Coleoptera: Ostimatidae, Cleridae), p.153-156, illus. References, p.156. [Temnochila virescens (Fabr.); Enoclerus sphegeus (Fabr.)]

Parasitology (London), v.33, no.3, Aug. 1941.

Bingham, M. L. A note on the bionomics of Ixodes ricinus L., p.316-319. References, p.319.

Craufurd-Benson, H. J. The cattle lice of Great Britain. Part I. Biology, with special reference to Haematopinus eurysternus, p.331-342, illus. References, p.342; Part II. Lice populations, p.343-358, illus. References, p.358.

Lewis, E. A., and Fotheringham, W. The transmission of Theileria parva by ticks, p.[251]-277, illus. References, p.277.

Macleod, J., and Craufurd-Benson, H. J. Observations on natural populations of the body louse, Pediculus humanus corporis DeG., p.278-299, illus. References, p.299.

Parasitology (continued)

Radford, C. D. Notes on some new species of parasitic mites. Part 4, p.306-315, illus. References, p.315.

Pennsylvania academy of science. Harrisburg. Proceedings, v.15, 1941.

Chermock, F. H., and Chermock, R. L. Notes on the variation and distribution of Melitaea harrissi liggetti (Avinoff), p.51.

Chermock, R. L., and O'Brien, H. C. A new method of sectioning chitin, p.59-60. Bibliography, p.60.

Dearolf, K. The invertebrates of 37 Pennsylvania caves, p.170-180.

Williams, J. L. The internal genitalia of the evergreen bagworm [Thyridopteryx ephemeraeformis Haworth] and the relation of the female genital ducts to the alimentary canal, p.53-58, illus. References, p.57.

Pernambuco, Brazil. Secretaria de agricultura, industria e comercio.

Boletim, v.8, no.2, Nov. 1941.

Carvalho, M. B. de. A cigarra e a japecanga, p.[158]-160, illus.

Philippine journal of agriculture (Manila), v.12, no.2, 1941.

Otanes, F. Q., and Sison, P. L. Pests of rice, p.211-259, illus. References, p.254-256.

Philippine journal of animal industry (Manila), v.8, no.4, July-Aug. 1941.

Gapuz, R. B. Derris root infusion for sucking and biting lice of mammals, p.389-393. Literature cited, p.393.

Philippine journal of forestry (Manila), v.4, no.2, 1941.

Agdeppa, F. T. The effect of some insecticides on varnished and finished surfaces, p.161-169, illus. References, p.167.

Plant physiology (Lancaster, Penn.), v.16, no.4, Oct. 1941.

Southwick, F. W., and Childers, N. F. Influence of Bordeaux mixture and its component parts on transpiration and apparent photosynthesis of apple leaves, p.721-754, illus. Literature cited, p.752-754.

Thoennes, G. Effects of injuries caused by the cicada, Magicicada septendecim, on the later growth of trees, p.827-830, illus. Literature cited, p.830.

Progrès agricole et viticole (Lyon), v.124 (année 62), no.45, Nov. 9, 1941.

Delmas, R. Quelques insectes de l'asperge, p.221-224, illus.

Public health (London), v.55, no.1, Oct. 1941.

Dixon, C. W. Scabies - a golden opportunity, p.10-14.

Quarterly review of biology (Baltimore), v.16, no.4, Dec. 1941.

Park, T. The laboratory population as a test of a comprehensive ecological system (concluded), p.440-461. Literature cited, p.458-461.

Queensland agricultural journal (Brisbane), v.56, 1941; pt.3, Sept.1; pt.4, Oct.1.

Sloan, W. J. S. The control of tomato pests, pt.4, p.277-294, illus. Sheep blowfly control. Schools of instruction, pt.3, p.184-189, illus.

Revista agronômica; orgão do Sindicato agronômico do Rio Grande do Sul (Pôrto Alegre), v.5, 1941; no.57, Sept.; no.58, Oct.

Costa, R. G. Pragas das plantas cultivadas do Rio Grande do Sul, no. 57, p.489-494, illus.; no.58, p.567-570, illus. (Continúa.)

Povoa, A. A entomologia e o controle biológico, no.58, p.553-556. (Continúa.)

Revista de agricultura (San José, Costa Rica), v.13, 1941; no.10, Oct; no.11, Nov.

Wiessel M.,C. Notas sobre el cultivo de las cebollas en Costa Rica.

El thrips de la cebolla (*Thrips tabacci* [!] Lind.), no.11, p.525, 527-531, illus. Obras consultadas, p.531.

Destrucción o control del chapulín o langosta, no.10, p.485-503, illus.

La Revue agricole de l'Ile Maurice (Port Louis), v.20, no.4, July-Aug. 1941

Moutia, A. Le borer et la canne a sucre, p.203-207.

Rosario, Argentine Republic. Bolsa de comercio. Boletín oficial, v.29, no.716, Nov.15, 1941.

Massey, D. D. La "Tucura" y daños que causa, p.[3]-5

Royal Canadian institute. Toronto. Proceedings, new series, ser.3A, v.6, 1940-41.

Thompson, W. R. "The war against insects," p.53-54.

Royal Canadian institute. Toronto. Transactions, v.33, pt.2, Oct. 1941.

Walker, E. M. List of the Odonata of Ontario with distributional and seasonal data, p.201-265, illus. Bibliography, p.263-265.

Royal society of Queensland. Brisbane. Proceedings, v.52, pt.1, Mar.3, 1941.

Evans, J. W. Some Queensland leaf-hoppers (Jassoidea, Homoptera) that attack lucerne, p.10-13, illus.

Hardy, G. H. Aphididae in Australia. 11. Subtribe Pentaloniina, p.36-40. Literature, p.40.

Royal society of tropical medicine and hygiene. London. Transactions, v.35, no.2, Sept.9, 1941.

Findley, G. M. The present position of yellow fever in Africa, p.51-72, illus. References, p.71-72. Discussion, p.72-76.

Lloyd, L. The seasonal rhythm of a fly (*Spaniota minima*) and some theoretical considerations, p.93-104, illus. References, p.104.

Woodman, H. M., and Bokhari, A. Studies on *Loa loa* and the first report of *Wuchereria bancrofti* in the Sudan, p.77-92. References, p.91-92.

Sady i ogorody (Moskva), 1941, no.4.

Ruzaev, K. S. Bor'ba s vreditel'iami i bolezniami vinograda v vesenne-letnii period [Control of grapevine pests in the spring]. p.36-40, illus.

São Paulo (City). Universidade. Faculdade de medicina. Anais, v.16, no.1, 1940.

Barreto, M. P. Morfologia dos ovos, das larvas e das pupas do Phlebotomus intermedius Lutz e Neiva, 1912 (Diptera, Psychodidae), p.[91]-[125], illus. Bibliografia, p.105; Observações sobre a biologia do Phlebotomus intermedius Lutz e Neiva, 1912 (Diptera, Psychodidae) em condições experimentais, p.[143]-[161], illus. Bibliografia, p.157.

Barreto, M. P., and Coutinho, J. O. Contribuição ao conhecimento dos flebótomos de São Paulo. II.- Descrição do macho de Phlebotomus limai Fonseca, 1925 e de duas novas espécies: Phlebotomus ayrozai e P. amarali (Diptera, Psychodidae), p.[127]-[141], illus. Bibliografia, p.139; Processos de captação, transporte, dissecação e montagem de flebotomos, p.[173]-[191], illus. Bibliografia, p.187.

Coutinho, J. O. Localização de formas em leptomomas, possivelmente de Leishmania brasiliensis, no faringe do Phlebotomus pessoai naturalmente infestado, p.[163]-171, illus. Bibliografia, p.171.

Coutinho, J. O., and Barreto, M. P. Contribuição para o conhecimento dos flebótomos de São Paulo. III. Descrição do macho de Phlebotomus alpha beticus Fonseca, 1936 e de Phlebotomus pascalei n. sp. (Diptera: Psychodidae), p.[193]-206, illus. Bibliografia, p.206.

Schweizer garten vereinigt mit der schweizerischen obst- und gartenbauzeitung (Zurich), 1941, no.9, Sept.20, 1941.

Schmid, H. W. Schädlingsbekämpfung und bienenschonung, p.285-286.

Scientific agriculture (Ottawa), v.22, no.3, Nov. 1941.

Monro, H. A. U. Vacuum fumigation for insect control, p.170-177, illus. References, p.177.

Scientific monthly (Lancaster, Pa.), v.54, no.1, Jan. 1942.

Cockerell, T. D. A. The epic of yellow fever, p.43-48, illus.

Soap (New York), v.17, no.12, Dec. 1941.

Hartz, G. J., Hendrickson, P. A., and Hoyer, D. G. Pyrethrum analysis; a study of the Seil method versus the mercury reduction method for the determination of pyrethrins, p.123, 125, 127. References, p.127.

Mailen, T. H., and Fenton, F. A. Repellency in cattle sprays, p.133, 135. Flea and louse control, p.115-117, illus.

Sociedad venezolana de ciencias naturales. Caracas. Boletin, v.7, no.48, May-July 1941.

Ballou, C. H. Notas sobre la introducción de un predador para el control de la escama algodonosa del naranjo, p.121-122, illus. [Rodolia cardinalis (Muls.) parasitic on Icerya purchasi Mask.]

Société de biologie. Paris. Comptes rendus, v.135, no.1/2, Jan. 1941.

Mathis, M., and Nicolle, P. Sur le comportement des réduvidés hématophages Rhodnius prolixus Stal et Triatoma infestans Klug, et leur aptitude à transmettre la maladie de chagas, p.26-30. Bibliographical footnotes.

Nicolle, P., and Mathis, M. Le thermotropisme, facteur déterminant primaordial pour la piqûre des réduvidés hématophages, p.25-27. Bibliographical footnotes.

Société des sciences naturelles du Maroc. Bulletin (Rabat), v.19, no.2, June 30, 1939. (Received Dec. 5, 1941)

Bleton, C.-A., and Fieuze, L. Notes sur quelques insectes auxiliaires observé dans la région de Fès, p.[57]-65.

Cros, A. Études biologiques sur un groupe de mylabres dont les larves primaires ont une conformation spéciale (Mylabris glivipes Chevrol., Mylabris wartmanni Pic), p.88-106. Bibliographie, p.105-106.

Society for experimental biology and medicine. New York. Proceedings, v.48, no.2, Nov. 1941.

Pearson, P. B., and Burgin, C. J. The pantothenic acid content of royal jelly, p.415-417.

Taihoku society of agriculture and forestry. Taihoku, Formosa, Japan. Journal, v.5, no.2, June 1941.

Sugimoto, M. Studies on the Formosan mites (Fourth report). On the feather mites, Analgesidae Canestrini, 1892, Part II, p.129-149, illus. References, p.144. Text in Japanese.

La Terre marocaine (Rabat), v.11, no.141, Aug. 1941.

Perret, J. Un ennemi méconnu de l'amandier au Maroc: l'araignée rouge (Eryobia praetiosa (Koch). - Acariens, Trombididae), p.[6]-8.

La lutte contre la mouche des fruits, p.9.

Tidsskrift for planteavl (København), v.46, no.2, 1941.

Larsson, S. G. Bedelusen, Aphis fabae Scop., og dens værtplanter, specielt under danske forhold, p.[298]-321. Litteratur, p.321.

Torino. Laboratorio sperimentale e regio osservatorio di fitopatologia. Bollettino, v.17, no.1/4, Jan./Dec. 1940. Pub. 1941.

Beffa, G. D. La "Tortrix unicolorana Dup." e danni che può arrecare alle coltivazioni dei porri, p.1-10, illus. Text in Italian.

Brief German summary, p.10; I piralidi della catena alpina, p.62-93, illus. (Continua.)

Toronto. University. Studies. Biological sciences, no.49, 1941.

(Ontario Fisheries Research Laboratory. Publication no.60.)

Miller, R. B. A contribution to the ecology of the Chironomidae of Costello Lake, Algonquin Park, Ontario. 63p. illus. Literature cited, p.59-60.

Treubia (Buitenzorg), v.18, pt.1, Aug. 1941.

Betrem, J. G. Notes on the genera Goryphus Holmgren 1868 and Ancaria Cam. 1902 (Hym.: Ichn. Crypt.) (Notes on Indo-Malayan Ichneumonids IV), p.45-101, illus.

Vecht, J. van der. The Indo-Australian species of the genus Ropalidia (= Icaria) (Hym., Vespidae) (First part), p.103-190, illus.

Tropical agriculture (St. Augustine, Trinidad), v.18, no.11, Nov. 1941; v.19, no.1, Jan. 1942.

Callan, E. McC. The control of slugs [Vaginulus langsdorfi Féruccac] by meta bait in Trinidad, B.W.I., v.18, no.11, p.211-213.

Posnette, A. F. Natural pollination of cocoa, Theobroma leiocarpa, on the Gold Coast, v.19, no.1, p.12-16. References, p.16.

Tropical agriculturist (Peradeniya, Ceylon), v.97, no.2, Aug. 1941.
The biological control of insect pests, p.[59]-61.

De Tropische natuur (Batavia [Weltevreden], Java), v.30, 1941; no.9,
Sept.6; no.10-11, Oct.20.

Fluiter, H. J. de. Vespa analis en haar nestbouw, no.10-11, p.156-160,
illus.

Veen, R. van der. Enkele schimmelvretende insecten, no.9, p.140-143,
illus.

La Tunisie agricole (Tunis), n.s. v.42, no.8, Sept.-Oct. 1941.

Cordier, G. Les tiques et les Argas; leur rôle en pathologie: des
moyens de s'en defendre, p.219-241, illus.

United States public health reports (Washington, D. C.), v.56, 1941;
no.49, Dec.5; no.51, Dec.19.

Davis, G. E., Wynn, H. L., and Beck, M.D. Relapsing fever: Ornitho-
doros parkeri a vector in California, no.51, p.2426-2428.
References, p.2428.

Jellison, W. L. Siphonaptera: the genera Amphalius and Ctenophyllus
in North America, no.49, p.2341-2349, illus.

Utah academy of sciences, arts and letters. Proceedings (Provo, [etc.]),
v.18, 1941.

Henderson, W. W. The genus Aelopiplides (Orthoptera) in Utah, p.83-89,
illus.

Knowlton, G. F. Studies of western aphids, p.65-68.

Knowlton, G. F., and Janes, R. L. Control of strawberry root-infesting
weevils, p.47-53, illus. Literature cited, p.53.

Venezuela. Ministerio de sanidad y asistencia social. Revista de sanidad
y asistencia social (Caracas), v.6, 1941; no.4, Aug.; no.5, Oct.

Anduze, P. J. Anotaciones sobre los Zancudos [mosquitoes] del Estado
Carabobo, Venezuela (Diptera, Culicidae), no.4, p.[491]-508, illus.

Referencias, p.508. Text in Spanish. Brief English summary, p.507.

Archila, R., and Nieto, M. Geografia medico-sanitaria del Estado
Cojedes con especial referencia al paludismo, no.5, p.[587]-785, illus.
Bibliografia, p.783-785.

p.741-748. La fauna anofelina.

p.767-777. Reglamento de la Comision local de lucha antimalarica de ...
Orellana, D. Datos sobre infestacion de triatomideos por Tripanosoma
cruzi en la zona de San Juan de los Morros, no.4, p.[475]-477. Text
in Spanish. Brief English summary, p.477.

Vestnik zashchity rastenii (Bulletin of plant protection) (Moscow, [etc.]),
1941, no.1.

Alexeeff, J. A., and Shchepetilnicova, V. A. More widely use our fowl
in the control of insect pests on the farm, p.3-[8]. Text in Russian.

Bogatova, Z. K. Effect of storage conditions on the toxicity of pyrethrum
extract, p.69-70. Text in Russian.

Evlakhova, A. A. Results of the tests of Cephalosporium fungus in the
control of scale insects in the citrus groves of the Adjar Aut.
Republic in 1939, p.64-[68], illus. Text in Russian.

Vestnik zashchity rastenii (continued)

Ismailov, J. I., and Shichenkov, P. I. The egg-parasite *Trichogramma evanescens* Westw. for the control of the codling-moth in the Crimea, p.58-[63]. Text in Russian.

Kelus, O. G. Geographical distribution and areas of the gypsy-moth outbreaks in the USSR, p.45-[52], illus. Literatura, p.51-[52]. Text in Russian.

Nikitin, J. V. Effect of fermenting molasses on the fecundity of the cutworm, *Feltia segetum* Schiff, p.36-[41]. Literatura, p.[41]. Text in Russian.

Rubtsov, J. A. Effect of temperature and humidity on the development of the eggs and larvae of the boll worm, p.9-[19], illus. Literatura, p.[19]. Text in Russian.

Vasiliev, J. V. The pea weevil [*Bruchus pisorum*], p.27-[35]. Text in Russian.

Vinogradov, V. P. The clover-seed chalcid, *Bruchophagus gibbus*, and its distribution in the clover areas of the USSR, p.20-[26]. Literatura, p.[26]. Text in Russian.

Voskresenskaya, A. K. Physiologic studies of the use of the stomach poisons in the control of May beetles *Melolontha hippocastani* F., p.71-[75]. Literatura, p.[75]. Text in Russian.

Znamenskaya, M. K. Pests of cereal and forage crops in the Khibins (Murmansk district), p.42-[44]. Literatura, p.[44] Text in Russian.

Victorian naturalist (Melbourne), v.58, no.6, Oct. 1941.

Coleman, E. Further notes on the huntsman spider (Isopeda immanis), p.88-90, illus.

Washington. Entomological society. Proceedings, v.43, no.9, Dec. 1941.

Fennah, R. G. Notes on the flatid genus *Ormenis* in the British Lesser Antilles and Trinidad, with descriptions of new species (Homoptera: Fulgoroidea), p.[191]-210, illus.

